

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037360.D
 Acq On : 30 Aug 2023 01:01
 Operator : JC/MD
 Sample : VX0829WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 08/31/2023

Quant Time: Aug 30 02:12:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	94152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88503	65.202	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 130.400%#			
35) Dibromofluoromethane	5.385	113	73051	57.596	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.200%			
50) Toluene-d8	8.647	98	243935	53.021	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.040%			
62) 4-Bromofluorobenzene	11.079	95	101903	56.361	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	18059	16.512	ug/l	95
3) Chloromethane	1.300	50	23577	24.641	ug/l	98
4) Vinyl Chloride	1.374	62	21281	20.433	ug/l	97
5) Bromomethane	1.593	94	9862	19.010	ug/l	99
6) Chloroethane	1.672	64	13756	22.445	ug/l	95
7) Trichlorofluoromethane	1.880	101	29500	17.291	ug/l	100
8) Diethyl Ether	2.136	74	16428	24.889	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	15323	15.396	ug/l	93
10) Methyl Iodide	2.447	142	21533	17.801	ug/l	93
11) Tert butyl alcohol	2.977	59	41156	129.256	ug/l #	95
12) 1,1-Dichloroethene	2.312	96	17886	18.454	ug/l	85
13) Acrolein	2.239	56	17172	70.892	ug/l	98
14) Allyl chloride	2.660	41	28264	18.841	ug/l #	90
15) Acrylonitrile	3.068	53	74596	131.258	ug/l	98
16) Acetone	2.386	43	63586	119.744	ug/l #	88
17) Carbon Disulfide	2.508	76	42225	17.128	ug/l	100
18) Methyl Acetate	2.703	43	49097	24.556	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	86266	23.469	ug/l	99
20) Methylene Chloride	2.788	84	28469	23.974	ug/l	86
21) trans-1,2-Dichloroethene	3.087	96	22232	20.179	ug/l	86
22) Diisopropyl ether	3.763	45	71464	23.215	ug/l #	87
23) Vinyl Acetate	3.721	43	272244	115.407	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	42711	22.125	ug/l	96
25) 2-Butanone	4.562	43	98921	123.721	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	20381	11.822	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	29206	22.486	ug/l	83
28) Bromochloromethane	4.891	49	22028	25.544	ug/l #	72
29) Tetrahydrofuran	5.007	42	62598	122.766	ug/l #	83
30) Chloroform	5.092	83	48395	22.333	ug/l	91
31) Cyclohexane	5.470	56	25087	16.437	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	37107	19.109	ug/l	96
36) 1,1-Dichloropropene	5.696	75	27821	15.439	ug/l	98
37) Ethyl Acetate	4.714	43	37058	20.132	ug/l #	94
38) Carbon Tetrachloride	5.678	117	29700	15.173	ug/l	96
39) Methylcyclohexane	7.379	83	26294	13.888	ug/l	93
40) Benzene	6.037	78	98716	19.101	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037360.D
 Acq On : 30 Aug 2023 01:01
 Operator : JC/MD
 Sample : VX0829WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 08/31/2023

Quant Time: Aug 30 02:12:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19290	20.159	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	39779	19.628	ug/l	94
43) Isopropyl Acetate	6.342	43	57240	19.587	ug/l #	90
44) Trichloroethene	7.129	130	24089	16.438	ug/l	96
45) 1,2-Dichloropropane	7.433	63	25639	20.120	ug/l	96
46) Dibromomethane	7.580	93	20567	20.488	ug/l	95
47) Bromodichloromethane	7.824	83	36146	18.799	ug/l	100
48) Methyl methacrylate	7.696	41	28152	19.753	ug/l #	85
49) 1,4-Dioxane	7.665	88	17490	455.677	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	191885	108.132	ug/l	90
52) Toluene	8.720	92	64512	18.893	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	34754	16.976	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	39012	17.633	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	30220	21.734	ug/l	97
56) Ethyl methacrylate	9.116	69	44211	20.300	ug/l	86
57) 1,3-Dichloropropane	9.311	76	49488	21.113	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	120473	115.268	ug/l	92
59) 2-Hexanone	9.433	43	148606	109.831	ug/l	88
60) Dibromochloromethane	9.518	129	29101	19.658	ug/l	99
61) 1,2-Dibromoethane	9.610	107	31786	20.880	ug/l	100
64) Tetrachloroethene	9.275	164	19087	14.127	ug/l	95
65) Chlorobenzene	10.079	112	72253	18.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26971	18.668	ug/l	98
67) Ethyl Benzene	10.195	91	116464	16.908	ug/l	99
68) m/p-Xylenes	10.299	106	91012	34.215	ug/l	99
69) o-Xylene	10.640	106	48091	18.325	ug/l	99
70) Styrene	10.658	104	79770	18.452	ug/l	97
71) Bromoform	10.799	173	20658	19.115	ug/l #	99
73) Isopropylbenzene	10.963	105	111970	16.871	ug/l	98
74) N-amyl acetate	10.841	43	50346	19.523	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	48203	21.567	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39106m	20.111	ug/l	
77) Bromobenzene	11.201	156	31071	19.170	ug/l	93
78) n-propylbenzene	11.305	91	121463	16.436	ug/l	99
79) 2-Chlorotoluene	11.366	91	85808	18.170	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	97288	17.573	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	10133	14.555	ug/l	94
82) 4-Chlorotoluene	11.457	91	95452	17.510	ug/l	98
83) tert-Butylbenzene	11.713	119	97311	18.431	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	101831	18.200	ug/l	98
85) sec-Butylbenzene	11.890	105	106000	17.188	ug/l	99
86) p-Isopropyltoluene	12.012	119	91417	17.220	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	55471	18.280	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	56297	17.956	ug/l	99
89) n-Butylbenzene	12.335	91	68297	15.517	ug/l	98
90) Hexachloroethane	12.536	117	15892	17.935	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	59023	19.863	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10416	20.057	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	31843	18.314	ug/l	97
94) Hexachlorobutadiene	13.725	225	10466	15.581	ug/l	97
95) Naphthalene	13.774	128	130463	17.130	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	33281	19.266	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
Data File : VX037360.D
Acq On : 30 Aug 2023 01:01
Operator : JC/MD
Sample : VX0829WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

Quant Time: Aug 30 02:12:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
Data File : VX037360.D
Acq On : 30 Aug 2023 01:01
Operator : JC/MD
Sample : VX0829WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD02

Manual Integrations
APPROVED

Reviewed By : John Carlone 08/30/2023
Supervised By : Mahesh Dadoda 08/31/2023

Quant Time: Aug 30 02:12:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

