

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037009.D
 Acq On : 16 Aug 2023 11:48
 Operator : JC/MD
 Sample : VX0816WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2023
 Supervised By : Mahesh Dadoda 08/17/2023

Quant Time: Aug 17 04:12:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	134327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95350	47.973	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.940%		
35) Dibromofluoromethane	5.385	113	79763	50.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.980%		
50) Toluene-d8	8.646	98	249354	44.947	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.900%#		
62) 4-Bromofluorobenzene	11.079	95	104389	49.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31274	17.624	ug/l	96
3) Chloromethane	1.300	50	25461	15.775	ug/l	97
4) Vinyl Chloride	1.373	62	28438	17.306	ug/l	98
5) Bromomethane	1.599	94	17902	18.248	ug/l	98
6) Chloroethane	1.684	64	18910	23.670	ug/l	100
7) Trichlorofluoromethane	1.886	101	54779	21.587	ug/l	98
8) Diethyl Ether	2.135	74	20746	21.131	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	30727	20.154	ug/l	100
10) Methyl Iodide	2.452	142	34156	21.570	ug/l	96
11) Tert butyl alcohol	2.965	59	47329	100.583	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	28489	18.940	ug/l	86
13) Acrolein	2.239	56	24997	93.085	ug/l	97
14) Allyl chloride	2.666	41	46717	15.773	ug/l #	94
15) Acrylonitrile	3.062	53	91218	96.396	ug/l	99
16) Acetone	2.379	43	81846	99.236	ug/l #	89
17) Carbon Disulfide	2.513	76	64022	15.422	ug/l	100
18) Methyl Acetate	2.702	43	65407	18.851	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	118240	20.919	ug/l	96
20) Methylene Chloride	2.788	84	33707	18.376	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	31496	18.736	ug/l	93
22) Diisopropyl ether	3.763	45	100471	17.866	ug/l #	88
23) Vinyl Acetate	3.721	43	387103	89.736	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	59817	18.971	ug/l	97
25) 2-Butanone	4.556	43	126296	94.382	ug/l	91
26) 2,2-Dichloropropane	4.470	77	54571	18.368	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	39420	19.743	ug/l	92
28) Bromochloromethane	4.903	49	30102	19.740	ug/l #	79
29) Tetrahydrofuran	5.007	42	79746	92.436	ug/l #	86
30) Chloroform	5.092	83	67671	20.978	ug/l	99
31) Cyclohexane	5.470	56	44947	16.333	ug/l #	85
32) 1,1,1-Trichloroethane	5.385	97	59704	20.199	ug/l	98
36) 1,1-Dichloropropene	5.696	75	45676	19.589	ug/l	97
37) Ethyl Acetate	4.720	43	49751	18.851	ug/l #	94
38) Carbon Tetrachloride	5.678	117	50564	20.397	ug/l	97
39) Methylcyclohexane	7.378	83	48912	16.870	ug/l	91
40) Benzene	6.037	78	133547	19.686	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037009.D
 Acq On : 16 Aug 2023 11:48
 Operator : JC/MD
 Sample : VX0816WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2023
 Supervised By : Mahesh Dadoda 08/17/2023

Quant Time: Aug 17 04:12:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25478	18.050	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	54109	21.815	ug/l	96
43) Isopropyl Acetate	6.342	43	81755	17.996	ug/l #	93
44) Trichloroethene	7.122	130	37456	21.123	ug/l	100
45) 1,2-Dichloropropane	7.433	63	34725	19.172	ug/l	94
46) Dibromomethane	7.586	93	26810	21.149	ug/l	95
47) Bromodichloromethane	7.823	83	52122	20.031	ug/l	97
48) Methyl methacrylate	7.695	41	38806	18.368	ug/l #	87
49) 1,4-Dioxane	7.659	88	19003	445.237	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	248003	98.647	ug/l	93
52) Toluene	8.720	92	86261	20.293	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	55393	18.835	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	59645	19.220	ug/l	90
55) 1,1,2-Trichloroethane	9.152	97	37973	21.251	ug/l	98
56) Ethyl methacrylate	9.116	69	58788	20.205	ug/l	91
57) 1,3-Dichloropropane	9.311	76	62625	21.042	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	137296	95.766	ug/l	94
59) 2-Hexanone	9.427	43	188308	100.924	ug/l	91
60) Dibromochloromethane	9.518	129	40832	20.791	ug/l	98
61) 1,2-Dibromoethane	9.610	107	40201	21.708	ug/l	99
64) Tetrachloroethene	9.274	164	32097	20.956	ug/l	98
65) Chlorobenzene	10.079	112	94662	20.913	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	36865	21.071	ug/l	99
67) Ethyl Benzene	10.195	91	167655	20.275	ug/l	98
68) m/p-Xylenes	10.299	106	128506	41.652	ug/l	99
69) o-Xylene	10.640	106	63627	20.661	ug/l	98
70) Styrene	10.652	104	104520	20.571	ug/l	98
71) Bromoform	10.799	173	27792	19.624	ug/l #	100
73) Isopropylbenzene	10.963	105	163551	19.010	ug/l	99
74) N-amyl acetate	10.841	43	67057	16.714	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	56886	19.577	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47210m	19.307	ug/l	
77) Bromobenzene	11.195	156	39558	20.190	ug/l	92
78) n-propylbenzene	11.305	91	184676	18.561	ug/l	99
79) 2-Chlorotoluene	11.366	91	115087	19.088	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	136234	18.928	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16604	15.391	ug/l	90
82) 4-Chlorotoluene	11.451	91	132997	19.360	ug/l	99
83) tert-Butylbenzene	11.713	119	132584	18.751	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	138198	19.200	ug/l	97
85) sec-Butylbenzene	11.890	105	157648	17.878	ug/l	100
86) p-Isopropyltoluene	12.006	119	132174	18.217	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	74280	20.469	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	75198	20.881	ug/l	99
89) n-Butylbenzene	12.329	91	111139	17.111	ug/l	99
90) Hexachloroethane	12.536	117	22685	15.422	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	73250	20.918	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	13043	19.316	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	42274	19.594	ug/l	97
94) Hexachlorobutadiene	13.725	225	16866	18.896	ug/l	96
95) Naphthalene	13.774	128	161197	21.441	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	42081	19.790	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
Data File : VX037009.D
Acq On : 16 Aug 2023 11:48
Operator : JC/MD
Sample : VX0816WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

Quant Time: Aug 17 04:12:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

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

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

