

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032701.D
 Acq On : 10 Nov 2022 02:59
 Operator : JC/MD
 Sample : VX1109WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2022
 Supervised By : Mahesh Dadoda 11/10/2022

Quant Time: Nov 10 03:23:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161772	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74264	52.643	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.280%			
35) Dibromofluoromethane	5.385	113	59446	51.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.040%			
50) Toluene-d8	8.647	98	196088	48.869	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.740%			
62) 4-Bromofluorobenzene	11.079	95	79191	50.525	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.040%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22362	19.097	ug/l	99
3) Chloromethane	1.294	50	18083	18.260	ug/l	94
4) Vinyl Chloride	1.374	62	20725	19.016	ug/l	98
5) Bromomethane	1.618	94	14859	17.060	ug/l	91
6) Chloroethane	1.691	64	17944	24.542	ug/l	97
7) Trichlorofluoromethane	1.892	101	41121	19.913	ug/l	99
8) Diethyl Ether	2.136	74	13463	20.118	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	21848	20.045	ug/l	99
10) Methyl Iodide	2.453	142	18070	16.250	ug/l	99
11) Tert butyl alcohol	3.001	59	22511m	109.635	ug/l	
12) 1,1-Dichloroethene	2.325	96	19361	19.015	ug/l	91
13) Acrolein	2.239	56	12562	61.284	ug/l	98
14) Allyl chloride	2.666	41	32315	19.910	ug/l	98
15) Acrylonitrile	3.069	53	52605	94.402	ug/l	99
16) Acetone	2.392	43	47775	93.178	ug/l	99
17) Carbon Disulfide	2.514	76	40638	16.757	ug/l	99
18) Methyl Acetate	2.703	43	34934	20.952	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	75143	20.998	ug/l	98
20) Methylene Chloride	2.794	84	24113	20.511	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	20883	18.842	ug/l	94
22) Diisopropyl ether	3.757	45	73789	21.018	ug/l #	80
23) Vinyl Acetate	3.721	43	282488	99.595	ug/l	100
24) 1,1-Dichloroethane	3.611	63	41460	20.531	ug/l	98
25) 2-Butanone	4.562	43	71682	90.239	ug/l	94
26) 2,2-Dichloropropane	4.477	77	28380	17.680	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	26795	20.916	ug/l	98
28) Bromochloromethane	4.898	49	14608	20.309	ug/l	100
29) Tetrahydrofuran	5.013	42	46914	92.618	ug/l	99
30) Chloroform	5.099	83	47879	21.608	ug/l	98
31) Cyclohexane	5.471	56	33319	19.480	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	41255	20.748	ug/l	98
36) 1,1-Dichloropropene	5.696	75	31561	19.641	ug/l	100
37) Ethyl Acetate	4.715	43	28994	17.334	ug/l	98
38) Carbon Tetrachloride	5.678	117	35788	20.080	ug/l	99
39) Methylcyclohexane	7.385	83	34401	18.094	ug/l	100
40) Benzene	6.038	78	91459	20.113	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032701.D
 Acq On : 10 Nov 2022 02:59
 Operator : JC/MD
 Sample : VX1109WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2022
 Supervised By : Mahesh Dadoda 11/10/2022

Quant Time: Nov 10 03:23:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16520	19.388	ug/l	99
42) 1,2-Dichloroethane	6.086	62	39267	21.125	ug/l	100
43) Isopropyl Acetate	6.342	43	49871	19.419	ug/l	99
44) Trichloroethene	7.129	130	25545	19.956	ug/l	98
45) 1,2-Dichloropropane	7.428	63	23547	20.172	ug/l	97
46) Dibromomethane	7.580	93	17915	20.012	ug/l	99
47) Bromodichloromethane	7.824	83	35117	20.698	ug/l	98
48) Methyl methacrylate	7.696	41	25787	19.442	ug/l	99
49) 1,4-Dioxane	7.708	88	9705	383.940	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	155748	96.281	ug/l	99
52) Toluene	8.720	92	60324	20.333	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	33662	19.445	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	36323	19.617	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	25224	20.188	ug/l	99
56) Ethyl methacrylate	9.116	69	36705	20.414	ug/l	98
57) 1,3-Dichloropropane	9.311	76	40644	20.144	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	84617	97.736	ug/l	99
59) 2-Hexanone	9.427	43	114694	95.554	ug/l	98
60) Dibromochloromethane	9.525	129	27171	19.910	ug/l	100
61) 1,2-Dibromoethane	9.610	107	26373	19.921	ug/l	100
64) Tetrachloroethene	9.275	164	21706	20.402	ug/l	94
65) Chlorobenzene	10.079	112	66287	20.358	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	25519	20.824	ug/l	98
67) Ethyl Benzene	10.195	91	121063	20.792	ug/l	98
68) m/p-Xylenes	10.299	106	91403	40.426	ug/l	98
69) o-Xylene	10.640	106	45327	20.619	ug/l	97
70) Styrene	10.659	104	74768	20.465	ug/l	100
71) Bromoform	10.799	173	18458	19.050	ug/l #	100
73) Isopropylbenzene	10.963	105	122382	20.353	ug/l	99
74) N-amyl acetate	10.842	43	45364	19.967	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37993	19.685	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	33359m	19.761	ug/l	
77) Bromobenzene	11.201	156	30144	20.449	ug/l	98
78) n-propylbenzene	11.305	91	139820	20.183	ug/l	99
79) 2-Chlorotoluene	11.366	91	84846	20.451	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	104753	20.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8747	16.487	ug/l	94
82) 4-Chlorotoluene	11.457	91	99443	20.484	ug/l	99
83) tert-Butylbenzene	11.713	119	105939	20.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	104386	20.423	ug/l	100
85) sec-Butylbenzene	11.890	105	124464	20.161	ug/l	100
86) p-Isopropyltoluene	12.012	119	105761	20.190	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	56704	20.392	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	58072	20.131	ug/l	99
89) n-Butylbenzene	12.335	91	87272	19.150	ug/l	100
90) Hexachloroethane	12.536	117	16494	19.277	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	56954	20.772	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7533	17.801	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	33876	18.949	ug/l	99
94) Hexachlorobutadiene	13.725	225	14509	19.432	ug/l	100
95) Naphthalene	13.774	128	112562	18.896	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35351	19.453	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
Data File : VX032701.D
Acq On : 10 Nov 2022 02:59
Operator : JC/MD
Sample : VX1109WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022

Quant Time: Nov 10 03:23:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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\VX110922\
Data File : VX032701.D
Acq On : 10 Nov 2022 02:59
Operator : JC/MD
Sample : VX1109WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022

Quant Time: Nov 10 03:23:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

