

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025553.D
 Acq On : 06 Dec 2021 16:53
 Operator : JC/MD
 Sample : M4923-22MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20211202MSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/07/2021
 Supervised By : Mahesh Dadoda 12/14/2021

Quant Time: Dec 07 06:02:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	76200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	120351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42694	53.155	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.300%			
35) Dibromofluoromethane	5.391	113	38092	51.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.160%			
50) Toluene-d8	8.653	98	136823	49.280	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.560%			
62) 4-Bromofluorobenzene	11.085	95	52547	50.028	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33913	51.342	ug/l	100
3) Chloromethane	1.295	50	35082	42.895	ug/l	100
4) Vinyl Chloride	1.374	62	38766	43.172	ug/l	99
5) Bromomethane	1.593	94	21459	55.585	ug/l	99
6) Chloroethane	1.672	64	27321	44.097	ug/l	97
7) Trichlorofluoromethane	1.880	101	65293	48.990	ug/l	99
8) Diethyl Ether	2.136	74	25700	46.725	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	39716	56.006	ug/l	97
10) Methyl Iodide	2.447	142	41518	46.824	ug/l	94
11) Tert butyl alcohol	2.977	59	54266	273.988	ug/l	99
12) 1,1-Dichloroethene	2.313	96	35284	49.960	ug/l	88
13) Acrolein	2.239	56	9581	260.379	ug/l	98
14) Allyl chloride	2.660	41	59035	46.186	ug/l	96
15) Acrylonitrile	3.069	53	118549	275.045	ug/l	99
16) Acetone	2.386	43	98925	221.652	ug/l	98
17) Carbon Disulfide	2.508	76	74035	37.264	ug/l	96
18) Methyl Acetate	2.709	43	73313	51.413	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	127313	51.736	ug/l	98
20) Methylene Chloride	2.788	84	40951	48.811	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	37637	48.645	ug/l	90
22) Diisopropyl ether	3.770	45	124238	51.039	ug/l	93
23) Vinyl Acetate	3.727	43	485863	248.488	ug/l	96
24) 1,1-Dichloroethane	3.611	63	69553	52.293	ug/l	96
25) 2-Butanone	4.562	43	165078	255.831	ug/l	97
26) 2,2-Dichloropropane	4.477	77	52567	43.594	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	46566	51.539	ug/l	91
28) Bromochloromethane	4.904	49	31269	50.418	ug/l	92
29) Tetrahydrofuran	5.013	42	108393	271.300	ug/l	98
30) Chloroform	5.099	83	74390	53.744	ug/l	99
31) Cyclohexane	5.471	56	57122	46.022	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	65205	51.454	ug/l	98
36) 1,1-Dichloropropene	5.696	75	50244	47.850	ug/l	98
37) Ethyl Acetate	4.721	43	60776	50.873	ug/l	99
38) Carbon Tetrachloride	5.678	117	57121	49.391	ug/l	97
39) Methylcyclohexane	7.385	83	61796	45.882	ug/l	93
40) Benzene	6.044	78	157746	49.593	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025553.D
 Acq On : 06 Dec 2021 16:53
 Operator : JC/MD
 Sample : M4923-22MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20211202MSD

Quant Time: Dec 07 06:02:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/07/2021
 Supervised By :Mahesh Dadoda 12/14/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	34189	51.561	ug/l	98
42) 1,2-Dichloroethane	6.092	62	56048	54.154	ug/l	93
43) Isopropyl Acetate	6.348	43	97816	49.199	ug/l	97
44) Trichloroethene	7.129	130	144527	156.411	ug/l	94
45) 1,2-Dichloropropane	7.434	63	40083	51.307	ug/l	95
46) Dibromomethane	7.586	93	29729	52.420	ug/l	96
47) Bromodichloromethane	7.824	83	55920	50.175	ug/l	97
48) Methyl methacrylate	7.696	41	46975	50.343	ug/l	95
49) 1,4-Dioxane	7.665	88	23561	1195.714	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	336096	269.591	ug/l	99
52) Toluene	8.720	92	103869	50.018	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	58483	47.187	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	62754	46.711	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	44185	53.534	ug/l	98
56) Ethyl methacrylate	9.122	69	67216	50.184	ug/l	95
57) 1,3-Dichloropropane	9.311	76	71705	52.416	ug/l	99
59) 2-Hexanone	9.433	43	260240	264.780	ug/l	97
60) Dibromochloromethane	9.525	129	46450	48.897	ug/l	100
61) 1,2-Dibromoethane	9.610	107	46246	51.733	ug/l	98
64) Tetrachloroethene	9.275	164	45348	48.939	ug/l	93
65) Chlorobenzene	10.080	112	115693	50.522	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	43681	49.741	ug/l	98
67) Ethyl Benzene	10.195	91	199572	50.432	ug/l	96
68) m/p-Xylenes	10.305	106	159491	98.672	ug/l	94
69) o-Xylene	10.646	106	79803	50.444	ug/l	92
70) Styrene	10.659	104	132848	50.831	ug/l	97
71) Bromoform	10.805	173	34914	45.793	ug/l #	100
73) Isopropylbenzene	10.964	105	207397	51.262	ug/l	98
74) N-amyl acetate	10.848	43	84949	48.543	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	67248	51.387	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	59776m	51.420	ug/l	
77) Bromobenzene	11.201	156	53625	51.538	ug/l	93
78) n-propylbenzene	11.305	91	231929	51.070	ug/l	97
79) 2-Chlorotoluene	11.366	91	140812	50.930	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	170253	50.062	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	19637	42.554	ug/l	95
82) 4-Chlorotoluene	11.457	91	158225	50.133	ug/l	96
83) tert-Butylbenzene	11.719	119	173151	50.099	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	171517	51.028	ug/l	96
85) sec-Butylbenzene	11.896	105	215957	51.397	ug/l	98
86) p-Isopropyltoluene	12.012	119	181173	50.184	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	97482	50.330	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	97892	49.879	ug/l	98
89) n-Butylbenzene	12.335	91	149661	49.184	ug/l	97
90) Hexachloroethane	12.542	117	29725	44.680	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	94670	50.154	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14372	52.576	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	58894	53.010	ug/l	99
94) Hexachlorobutadiene	13.725	225	24623	46.157	ug/l	98
95) Naphthalene	13.780	128	202156	52.797	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	59482	54.729	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
Data File : VX025553.D
Acq On : 06 Dec 2021 16:53
Operator : JC/MD
Sample : M4923-22MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 07 06:02:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20211202MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/14/2021

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

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

