

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028433.D
 Acq On : 29 Apr 2022 18:56
 Operator : JC/MD
 Sample : N2640-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWBR3-B-117-137-042922MSD

Quant Time: Apr 30 09:17:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	341604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	547710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	516707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	275620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203191	45.619	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.240%		
35) Dibromofluoromethane	5.385	113	189824	49.420	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.840%		
50) Toluene-d8	8.653	98	685831	46.489	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.980%		
62) 4-Bromofluorobenzene	11.079	95	262074	46.460	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	143510	65.080	ug/l	99
3) Chloromethane	1.288	50	132047	59.874	ug/l	98
4) Vinyl Chloride	1.373	62	160205	46.520	ug/l	100
5) Bromomethane	1.599	94	162014	53.352	ug/l	100
6) Chloroethane	1.678	64	111666	44.959	ug/l	98
7) Trichlorofluoromethane	1.885	101	298621	39.323	ug/l	96
8) Diethyl Ether	2.135	74	112590	49.304	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	156648	56.627	ug/l	98
10) Methyl Iodide	2.452	142	216298	56.423	ug/l	98
11) Tert butyl alcohol	2.965	59	183562	213.757	ug/l	98
12) 1,1-Dichloroethene	2.318	96	347321	132.298	ug/l	93
13) Acrolein	2.233	56	117693	215.604	ug/l	99
14) Allyl chloride	2.666	41	205094	46.557	ug/l	93
15) Acrylonitrile	3.062	53	443975	244.596	ug/l	100
16) Acetone	2.379	43	366771	269.710	ug/l	96
17) Carbon Disulfide	2.513	76	297299	42.052	ug/l	99
18) Methyl Acetate	2.702	43	188378	47.567	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	549429	50.187	ug/l	97
20) Methylene Chloride	2.788	84	177603	53.740	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	183875	51.501	ug/l	92
22) Diisopropyl ether	3.763	45	473461	47.188	ug/l	92
23) Vinyl Acetate	3.721	43	1993457	227.417	ug/l	99
24) 1,1-Dichloroethane	3.611	63	322913	54.506	ug/l	99
25) 2-Butanone	4.556	43	593822	225.112	ug/l	98
26) 2,2-Dichloropropane	4.476	77	239502	41.405	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	348965	81.971	ug/l	87
28) Bromochloromethane	4.897	49	117595	46.265	ug/l	86
29) Tetrahydrofuran	5.001	42	375262	218.175	ug/l	99
30) Chloroform	5.098	83	336315	47.270	ug/l	99
31) Cyclohexane	5.470	56	231138	42.593	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	294223	45.668	ug/l	98
36) 1,1-Dichloropropene	5.696	75	224492	44.806	ug/l	97
37) Ethyl Acetate	4.714	43	223341	43.931	ug/l	99
38) Carbon Tetrachloride	5.677	117	258448	45.694	ug/l	98
39) Methylcyclohexane	7.384	83	258157	40.836	ug/l	94
40) Benzene	6.043	78	689412	47.007	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028433.D
 Acq On : 29 Apr 2022 18:56
 Operator : JC/MD
 Sample : N2640-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWBR3-B-117-137-042922MSD

Quant Time: Apr 30 09:17:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/02/2022
 Supervised By :Mahesh Dadoda 05/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	121926	46.484	ug/l	98
42) 1,2-Dichloroethane	6.086	62	265332	48.737	ug/l	99
43) Isopropyl Acetate	6.342	43	366086	44.245	ug/l	98
44) Trichloroethene	7.128	130	1111012	261.228	ug/l	98
45) 1,2-Dichloropropane	7.433	63	170684	47.546	ug/l	99
46) Dibromomethane	7.580	93	133167	47.288	ug/l	98
47) Bromodichloromethane	7.823	83	251202	46.412	ug/l	100
48) Methyl methacrylate	7.695	41	173994	45.803	ug/l	94
49) 1,4-Dioxane	7.665	88	89704	882.715	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	1216560	229.127	ug/l	98
52) Toluene	8.720	92	472614	46.384	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	267329	46.474	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	285073	46.151	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	202766	48.978	ug/l	97
56) Ethyl methacrylate	9.116	69	298596	49.757	ug/l #	95
57) 1,3-Dichloropropane	9.311	76	318283	47.633	ug/l	100
59) 2-Hexanone	9.433	43	940490	228.670	ug/l	96
60) Dibromochloromethane	9.524	129	215536	47.757	ug/l	97
61) 1,2-Dibromoethane	9.610	107	218864	48.189	ug/l	100
64) Tetrachloroethene	9.274	164	196232	48.621	ug/l	96
65) Chlorobenzene	10.079	112	541404	49.144	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	203798	49.660	ug/l	100
67) Ethyl Benzene	10.195	91	919545	49.778	ug/l	95
68) m/p-Xylenes	10.305	106	739755	98.393	ug/l	95
69) o-Xylene	10.646	106	369704	49.321	ug/l	95
70) Styrene	10.658	104	619277	50.995	ug/l	99
71) Bromoform	10.799	173	161759	43.236	ug/l #	100
73) Isopropylbenzene	10.963	105	961515	50.755	ug/l	99
74) N-amyl acetate	10.841	43	328791	50.214	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	317234	51.604	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	277643m	51.184	ug/l	
77) Bromobenzene	11.201	156	251572	50.989	ug/l	90
78) n-propylbenzene	11.305	91	1065287	50.712	ug/l	97
79) 2-Chlorotoluene	11.365	91	649099	49.701	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	794987	49.436	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	86688	47.492	ug/l	95
82) 4-Chlorotoluene	11.457	91	741584	49.294	ug/l	95
83) tert-Butylbenzene	11.713	119	823785	50.167	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	808055	50.550	ug/l	99
85) sec-Butylbenzene	11.890	105	961654	48.542	ug/l	98
86) p-Isopropyltoluene	12.012	119	834304	48.816	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	476872	51.439	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	475644	48.865	ug/l	99
89) n-Butylbenzene	12.335	91	661643	47.147	ug/l	98
90) Hexachloroethane	12.542	117	135581	44.303	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	469640	50.995	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	64197	46.956	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	283929	51.835	ug/l	99
94) Hexachlorobutadiene	13.725	225	116320	47.590	ug/l	96
95) Naphthalene	13.780	128	982574	53.849	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	280694	52.207	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
Data File : VX028433.D
Acq On : 29 Apr 2022 18:56
Operator : JC/MD
Sample : N2640-09MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MWBR3-B-117-137-042922MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

Quant Time: Apr 30 09:17:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

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

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

