

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027575.D
 Acq On : 19 Mar 2022 21:05
 Operator : JC/MD
 Sample : N2000-17MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-126D1-20220316MSD

Quant Time: Mar 21 01:27:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	292583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	465463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165829	46.008	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.020%		
35) Dibromofluoromethane	5.391	113	148301	49.521	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.040%		
50) Toluene-d8	8.653	98	537456	47.427	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.860%		
62) 4-Bromofluorobenzene	11.085	95	196550	47.188	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	158515	56.443	ug/l	99
3) Chloromethane	1.294	50	136109	54.595	ug/l	100
4) Vinyl Chloride	1.374	62	162753	56.501	ug/l	99
5) Bromomethane	1.599	94	68375	45.959	ug/l	98
6) Chloroethane	1.679	64	105914	59.918	ug/l	99
7) Trichlorofluoromethane	1.880	101	249319	52.432	ug/l	100
8) Diethyl Ether	2.136	74	96934	54.727	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	161899	57.176	ug/l	95
10) Methyl Iodide	2.453	142	200424	53.471	ug/l	99
11) Tert butyl alcohol	2.971	59	189514	275.891	ug/l	100
12) 1,1-Dichloroethene	2.319	96	156389	57.563	ug/l	91
13) Acrolein	2.239	56	153636	288.221	ug/l	97
14) Allyl chloride	2.660	41	234028	55.047	ug/l	96
15) Acrylonitrile	3.069	53	472344	302.460	ug/l	100
16) Acetone	2.386	43	385973	262.718	ug/l	97
17) Carbon Disulfide	2.508	76	377329	54.582	ug/l	98
18) Methyl Acetate	2.709	43	210104	59.671	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	513341	56.002	ug/l	100
20) Methylene Chloride	2.788	84	169887	53.784	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	167260	57.715	ug/l	98
22) Diisopropyl ether	3.764	45	480029	57.818	ug/l #	88
23) Vinyl Acetate	3.727	43	2084948	288.767	ug/l	97
24) 1,1-Dichloroethane	3.611	63	292745	57.974	ug/l	99
25) 2-Butanone	4.562	43	637844	288.569	ug/l	99
26) 2,2-Dichloropropane	4.477	77	168155	40.780	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	194797	57.961	ug/l	94
28) Bromochloromethane	4.904	49	100068	49.126	ug/l	93
29) Tetrahydrofuran	5.013	42	419397	295.774	ug/l	94
30) Chloroform	5.099	83	316182	56.763	ug/l	99
31) Cyclohexane	5.471	56	256100	57.220	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	275042	54.233	ug/l	99
36) 1,1-Dichloropropene	5.696	75	228626	55.865	ug/l	99
37) Ethyl Acetate	4.721	43	239796	58.804	ug/l	99
38) Carbon Tetrachloride	5.684	117	251512	53.720	ug/l	98
39) Methylcyclohexane	7.385	83	280163	54.440	ug/l	97
40) Benzene	6.044	78	676213	57.594	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	130791	58.809	ug/l	95
42) 1,2-Dichloroethane	6.092	62	240100	54.565	ug/l	99
43) Isopropyl Acetate	6.348	43	361740	55.118	ug/l	98
44) Trichloroethene	7.129	130	306260	85.928	ug/l	98
45) 1,2-Dichloropropane	7.434	63	171728	57.424	ug/l	97
46) Dibromomethane	7.586	93	125959	55.137	ug/l	98
47) Bromodichloromethane	7.824	83	238522	55.451	ug/l	98
48) Methyl methacrylate	7.696	41	183245	56.418	ug/l	93
49) 1,4-Dioxane	7.659	88	95583	1145.769	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1214587	289.911	ug/l	96
52) Toluene	8.720	92	441422	56.105	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	236444	53.557	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	259510	54.010	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	183631	57.322	ug/l	98
56) Ethyl methacrylate	9.116	69	270900	56.520	ug/l	93
57) 1,3-Dichloropropane	9.311	76	294207	56.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	649942	267.952	ug/l	99
59) 2-Hexanone	9.433	43	938331	290.801	ug/l	93
60) Dibromochloromethane	9.525	129	194539	55.166	ug/l	97
61) 1,2-Dibromoethane	9.610	107	194778	55.320	ug/l	98
64) Tetrachloroethene	9.275	164	183949	56.550	ug/l	95
65) Chlorobenzene	10.079	112	484163	56.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	181530	56.535	ug/l	99
67) Ethyl Benzene	10.195	91	835448	56.714	ug/l	97
68) m/p-Xylenes	10.305	106	663366	114.371	ug/l	99
69) o-Xylene	10.646	106	325697	57.834	ug/l	99
70) Styrene	10.659	104	542892	59.012	ug/l	99
71) Bromoform	10.805	173	144724	56.418	ug/l	100
73) Isopropylbenzene	10.963	105	848560	54.032	ug/l	100
74) N-amyl acetate	10.848	43	299255	53.739	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	276562	55.593	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	250590m	55.564	ug/l	
77) Bromobenzene	11.201	156	215413	54.417	ug/l	94
78) n-propylbenzene	11.305	91	947226	54.944	ug/l	97
79) 2-Chlorotoluene	11.366	91	578780	53.519	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	729277	55.173	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70431	47.429	ug/l	89
82) 4-Chlorotoluene	11.457	91	669036	54.334	ug/l	98
83) tert-Butylbenzene	11.719	119	715903	54.673	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	728955	55.299	ug/l	100
85) sec-Butylbenzene	11.890	105	876143	55.369	ug/l	99
86) p-Isopropyltoluene	12.012	119	750815	55.242	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	404784	55.190	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	404977	54.569	ug/l	99
89) n-Butylbenzene	12.335	91	615906	54.301	ug/l	97
90) Hexachloroethane	12.542	117	116588	53.790	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	399498	55.784	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62487	54.766	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	246648	53.734	ug/l	99
94) Hexachlorobutadiene	13.725	225	103820	51.202	ug/l	95
95) Naphthalene	13.780	128	848078	56.755	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	248959	53.617	ug/l	96

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

