

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029807.D
 Acq On : 25 Jun 2022 08:09
 Operator : JC/MD
 Sample : N3386-14MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20220616MSD

Quant Time: Jun 25 09:07:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	209337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	363087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	122240	44.113	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.220%		
35) Dibromofluoromethane	5.391	113	111264	47.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.040%		
50) Toluene-d8	8.653	98	410944	47.540	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.080%		
62) 4-Bromofluorobenzene	11.085	95	154735	47.468	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129920	51.248	ug/l	100
3) Chloromethane	1.288	50	122507	44.856	ug/l	98
4) Vinyl Chloride	1.374	62	129638	51.557	ug/l	100
5) Bromomethane	1.611	94	66237	51.632	ug/l	97
6) Chloroethane	1.685	64	59152	36.720	ug/l	99
7) Trichlorofluoromethane	1.886	101	187552	53.538	ug/l	98
8) Diethyl Ether	2.136	74	73869	53.523	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	112836	51.368	ug/l	99
10) Methyl Iodide	2.453	142	117837	47.235	ug/l	98
11) Tert butyl alcohol	3.001	59	136843	225.711	ug/l	95
12) 1,1-Dichloroethene	2.319	96	113977	53.743	ug/l	94
13) Acrolein	2.239	56	27578	180.665	ug/l	98
14) Allyl chloride	2.666	41	161250	47.092	ug/l	96
15) Acrylonitrile	3.068	53	332911	256.851	ug/l	99
16) Acetone	2.392	43	268247	242.864	ug/l	100
17) Carbon Disulfide	2.514	76	275404	50.091	ug/l	100
18) Methyl Acetate	2.709	43	121961	41.764	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	374222	50.826	ug/l	99
20) Methylene Chloride	2.788	84	125779	51.129	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	122140	52.692	ug/l	96
22) Diisopropyl ether	3.763	45	338440	49.964	ug/l	98
23) Vinyl Acetate	3.727	43	1141771	201.906	ug/l	99
24) 1,1-Dichloroethane	3.611	63	210215	51.603	ug/l	98
25) 2-Butanone	4.562	43	432323	247.627	ug/l	99
26) 2,2-Dichloropropane	4.477	77	84213	26.560	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	142520	52.628	ug/l	89
28) Bromochloromethane	4.903	49	76602	49.218	ug/l	96
29) Tetrahydrofuran	5.013	42	289843	249.109	ug/l	97
30) Chloroform	5.099	83	223814	51.917	ug/l	99
31) Cyclohexane	5.477	56	185153	49.769	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	191765	50.431	ug/l	98
36) 1,1-Dichloropropene	5.696	75	163099	50.928	ug/l	99
37) Ethyl Acetate	4.721	43	135347	41.231	ug/l	98
38) Carbon Tetrachloride	5.678	117	166588	52.897	ug/l	98
39) Methylcyclohexane	7.385	83	197843	49.550	ug/l	96
40) Benzene	6.044	78	494525	52.094	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	90881	52.548	ug/l	96
42) 1,2-Dichloroethane	6.092	62	158885	48.688	ug/l	97
43) Isopropyl Acetate	6.342	43	226941	44.459	ug/l	99
44) Trichloroethene	7.129	130	152313	56.775	ug/l	99
45) 1,2-Dichloropropane	7.434	63	120703	51.844	ug/l	100
46) Dibromomethane	7.586	93	89802	53.666	ug/l	95
47) Bromodichloromethane	7.824	83	167015	51.795	ug/l	99
48) Methyl methacrylate	7.696	41	124541	49.761	ug/l	96
49) 1,4-Dioxane	7.702	88	62165	963.380	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	823691	250.354	ug/l	100
52) Toluene	8.720	92	319726	52.597	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	157541	48.349	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	178971	49.050	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	129684	52.764	ug/l	97
56) Ethyl methacrylate	9.116	69	200016	53.869	ug/l	99
57) 1,3-Dichloropropane	9.311	76	212617	51.941	ug/l	100
59) 2-Hexanone	9.433	43	635744	255.175	ug/l	99
60) Dibromochloromethane	9.525	129	130565	54.716	ug/l	97
61) 1,2-Dibromoethane	9.610	107	139761	54.848	ug/l	100
64) Tetrachloroethene	9.275	164	131265	55.650	ug/l	97
65) Chlorobenzene	10.079	112	342936	53.595	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	124137	54.021	ug/l	99
67) Ethyl Benzene	10.195	91	606010	52.637	ug/l	99
68) m/p-Xylenes	10.305	106	472232	105.179	ug/l	100
69) o-Xylene	10.646	106	235127	53.006	ug/l	99
70) Styrene	10.659	104	392001	53.973	ug/l	99
71) Bromoform	10.799	173	89936	55.199	ug/l #	97
73) Isopropylbenzene	10.963	105	608413	51.565	ug/l	98
74) N-amyl acetate	10.841	43	170383	41.578	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	192320	50.416	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	172190m	50.228	ug/l	
77) Bromobenzene	11.201	156	142533	52.930	ug/l	98
78) n-propylbenzene	11.305	91	678067	51.025	ug/l	99
79) 2-Chlorotoluene	11.366	91	415439	50.488	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	509430	51.267	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43827	42.530	ug/l	93
82) 4-Chlorotoluene	11.457	91	474886	50.608	ug/l	99
83) tert-Butylbenzene	11.713	119	495830	51.177	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	511116	51.574	ug/l	99
85) sec-Butylbenzene	11.890	105	610331	50.829	ug/l	99
86) p-Isopropyltoluene	12.012	119	514699	51.193	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	267802	52.206	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	267206	52.171	ug/l	98
89) n-Butylbenzene	12.335	91	413633	48.746	ug/l	99
90) Hexachloroethane	12.542	117	77530	53.854	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	264942	52.543	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41935	49.613	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	160605	52.231	ug/l	98
94) Hexachlorobutadiene	13.725	225	60489	48.048	ug/l	95
95) Naphthalene	13.774	128	607496	55.035	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	163644	53.138	ug/l	95

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

