

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025888.D
 Acq On : 17 Dec 2021 16:17
 Operator : JC/MD
 Sample : M5137-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-G-115-140-121621MSD

Quant Time: Dec 19 02:30:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/22/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	191279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	73970	44.497	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.000%		
35) Dibromofluoromethane	5.391	113	61705	46.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.520%		
50) Toluene-d8	8.653	98	229630	47.244	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.480%		
62) 4-Bromofluorobenzene	11.085	95	88090	47.711	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65183	63.084	ug/l	97
3) Chloromethane	1.294	50	69567	51.705	ug/l	98
4) Vinyl Chloride	1.374	62	76288	53.306	ug/l	97
5) Bromomethane	1.599	94	49964	48.894	ug/l	99
6) Chloroethane	1.679	64	50553	48.770	ug/l	100
7) Trichlorofluoromethane	1.880	101	122483	51.813	ug/l	94
8) Diethyl Ether	2.136	74	46208	49.552	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	63308	51.463	ug/l	99
10) Methyl Iodide	2.453	142	81859	52.226	ug/l	99
11) Tert butyl alcohol	2.977	59	71905	215.634	ug/l	99
12) 1,1-Dichloroethene	2.319	96	74672	61.051	ug/l	96
13) Acrolein	2.239	56	57490	252.228	ug/l	99
14) Allyl chloride	2.666	41	106799	47.844	ug/l	99
15) Acrylonitrile	3.069	53	198398	254.862	ug/l	100
16) Acetone	2.386	43	171736	237.735	ug/l	98
17) Carbon Disulfide	2.508	76	148142	42.284	ug/l	99
18) Methyl Acetate	2.709	43	124098	48.980	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	221397	51.249	ug/l	100
20) Methylene Chloride	2.788	84	72470	51.018	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	72708	53.266	ug/l	97
22) Diisopropyl ether	3.770	45	224632	51.878	ug/l	91
23) Vinyl Acetate	3.727	43	859999	256.660	ug/l	99
24) 1,1-Dichloroethane	3.611	63	130207	52.665	ug/l	97
25) 2-Butanone	4.568	43	282457	252.632	ug/l	99
26) 2,2-Dichloropropane	4.477	77	82640	44.069	ug/l	86
27) cis-1,2-Dichloroethene	4.495	96	220018	135.938	ug/l	93
28) Bromochloromethane	4.904	49	53083	47.644	ug/l	98
29) Tetrahydrofuran	5.013	42	186051	261.728	ug/l	100
30) Chloroform	5.099	83	135238	49.874	ug/l	97
31) Cyclohexane	5.477	56	112465	55.633	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	116105	49.197	ug/l	100
36) 1,1-Dichloropropene	5.696	75	95807	52.960	ug/l	98
37) Ethyl Acetate	4.721	43	104855	52.169	ug/l	99
38) Carbon Tetrachloride	5.684	117	102451	48.673	ug/l	100
39) Methylcyclohexane	7.385	83	115293	56.958	ug/l	98
40) Benzene	6.044	78	289286	53.607	ug/l	99

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41) Methacrylonitrile	4.928	41	60130	54.058	ug/l	99
42) 1,2-Dichloroethane	6.092	62	109881	53.575	ug/l	100
43) Isopropyl Acetate	6.348	43	167724	51.796	ug/l	99
44) Trichloroethene	7.129	130	186686	124.261	ug/l	96
45) 1,2-Dichloropropane	7.434	63	71267	52.396	ug/l	97
46) Dibromomethane	7.586	93	54009	51.005	ug/l	98
47) Bromodichloromethane	7.824	83	101004	48.397	ug/l	95
48) Methyl methacrylate	7.696	41	83878	55.006	ug/l	100
49) 1,4-Dioxane	7.659	88	35070	1053.464	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	581844	274.485	ug/l	99
52) Toluene	8.720	92	207951	60.479	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	98927	49.729	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	111425	51.191	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	77164	52.331	ug/l	97
56) Ethyl methacrylate	9.122	69	116535	55.030	ug/l	98
57) 1,3-Dichloropropane	9.311	76	126335	52.233	ug/l	99
59) 2-Hexanone	9.433	43	446012	277.698	ug/l	99
60) Dibromochloromethane	9.525	129	79641	47.587	ug/l	99
61) 1,2-Dibromoethane	9.610	107	82602	51.664	ug/l	99
64) Tetrachloroethene	9.275	164	76137	52.922	ug/l	97
65) Chlorobenzene	10.079	112	207599	55.219	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	74736	50.907	ug/l	98
67) Ethyl Benzene	10.195	91	363058	57.107	ug/l	98
68) m/p-Xylenes	10.305	106	289196	116.902	ug/l	100
69) o-Xylene	10.646	106	140713	57.820	ug/l	100
70) Styrene	10.659	104	235028	58.037	ug/l	100
71) Bromoform	10.805	173	56743	46.919	ug/l	100
73) Isopropylbenzene	10.963	105	367402	54.738	ug/l	100
74) N-amyl acetate	10.848	43	145760	53.991	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	120148	51.360	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	104149m	49.151	ug/l	
77) Bromobenzene	11.201	156	91073	52.898	ug/l	99
78) n-propylbenzene	11.305	91	418138	55.075	ug/l	100
79) 2-Chlorotoluene	11.366	91	250581	51.903	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	307719	55.278	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	29483	43.137	ug/l	92
82) 4-Chlorotoluene	11.457	91	289201	53.494	ug/l	100
83) tert-Butylbenzene	11.719	119	302936	55.518	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	310151	55.772	ug/l	100
85) sec-Butylbenzene	11.890	105	379910	57.926	ug/l	100
86) p-Isopropyltoluene	12.012	119	317921	57.720	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	171125	53.345	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	170401	52.029	ug/l	100
89) n-Butylbenzene	12.335	91	265325	57.748	ug/l	99
90) Hexachloroethane	12.542	117	48603	44.899	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	170111	55.529	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24750	47.081	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	97832	52.795	ug/l	99
94) Hexachlorobutadiene	13.725	225	38863	59.638	ug/l	98
95) Naphthalene	13.780	128	341173	53.813	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	99513	54.189	ug/l	99

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

