

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025887.D
 Acq On : 17 Dec 2021 15:53
 Operator : JC/MD
 Sample : M5137-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 19 02:29:52 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	115118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	194948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73734	44.516	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.040%		
35) Dibromofluoromethane	5.391	113	62250	45.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.580%		
50) Toluene-d8	8.653	98	230834	46.598	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.200%		
62) 4-Bromofluorobenzene	11.085	95	87158	46.318	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	52194	50.696	ug/l	99
3) Chloromethane	1.294	50	58134	43.364	ug/l	99
4) Vinyl Chloride	1.373	62	66058	46.325	ug/l	100
5) Bromomethane	1.599	94	45211	44.403	ug/l	96
6) Chloroethane	1.678	64	44341	42.932	ug/l	98
7) Trichlorofluoromethane	1.879	101	110018	46.708	ug/l	97
8) Diethyl Ether	2.135	74	40733	43.839	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.324	101	54685	44.615	ug/l	96
10) Methyl Iodide	2.452	142	65242	41.775	ug/l	99
11) Tert butyl alcohol	2.977	59	61209	184.223	ug/l	99
12) 1,1-Dichloroethene	2.318	96	65872	54.052	ug/l	97
13) Acrolein	2.239	56	52920	233.019	ug/l	96
14) Allyl chloride	2.666	41	90818	40.832	ug/l	98
15) Acrylonitrile	3.068	53	175318	226.029	ug/l	99
16) Acetone	2.385	43	153346	210.670	ug/l	97
17) Carbon Disulfide	2.507	76	126006	36.096	ug/l	98
18) Methyl Acetate	2.708	43	110891	43.926	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	193134	44.868	ug/l	98
20) Methylene Chloride	2.788	84	62900	44.113	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	63909	46.989	ug/l	95
22) Diisopropyl ether	3.769	45	200863	46.557	ug/l	88
23) Vinyl Acetate	3.727	43	757171	226.790	ug/l	100
24) 1,1-Dichloroethane	3.611	63	117795	47.817	ug/l	99
25) 2-Butanone	4.562	43	256249	230.022	ug/l	97
26) 2,2-Dichloropropane	4.483	77	71837	38.447	ug/l	85
27) cis-1,2-Dichloroethene	4.495	96	208965	129.577	ug/l	94
28) Bromochloromethane	4.903	49	51624	46.503	ug/l	97
29) Tetrahydrofuran	5.013	42	165711	233.959	ug/l	99
30) Chloroform	5.098	83	119820	44.348	ug/l	100
31) Cyclohexane	5.476	56	98981	49.140	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	103231	43.900	ug/l	100
36) 1,1-Dichloropropene	5.696	75	84941	46.070	ug/l	98
37) Ethyl Acetate	4.720	43	94047	45.911	ug/l	99
38) Carbon Tetrachloride	5.684	117	90105	42.002	ug/l	98
39) Methylcyclohexane	7.385	83	102484	49.677	ug/l	98
40) Benzene	6.043	78	257293	46.781	ug/l	100

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41) Methacrylonitrile	4.928	41	53879	47.527	ug/l	97
42) 1,2-Dichloroethane	6.092	62	97441	46.615	ug/l	100
43) Isopropyl Acetate	6.348	43	147419	44.669	ug/l	99
44) Trichloroethene	7.128	130	174588	114.021	ug/l	99
45) 1,2-Dichloropropane	7.433	63	63424	45.752	ug/l	96
46) Dibromomethane	7.586	93	48341	44.793	ug/l	99
47) Bromodichloromethane	7.823	83	90533	42.563	ug/l	95
48) Methyl methacrylate	7.695	41	74775	48.114	ug/l	99
49) 1,4-Dioxane	7.659	88	31454	927.061	ug/l	96
51) 4-Methyl-2-Pentanone	8.579	43	519334	240.385	ug/l	100
52) Toluene	8.720	92	184716	52.710	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	85269	42.057	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	95651	43.117	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	68944	45.876	ug/l	97
56) Ethyl methacrylate	9.122	69	103786	48.087	ug/l	99
57) 1,3-Dichloropropane	9.311	76	113199	45.921	ug/l	100
59) 2-Hexanone	9.433	43	396820	242.420	ug/l	100
60) Dibromochloromethane	9.524	129	71303	41.803	ug/l	100
61) 1,2-Dibromoethane	9.610	107	73823	45.304	ug/l	100
64) Tetrachloroethene	9.274	164	68014	45.647	ug/l	99
65) Chlorobenzene	10.079	112	180952	46.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	66552	43.770	ug/l	99
67) Ethyl Benzene	10.195	91	323926	49.196	ug/l	99
68) m/p-Xylenes	10.305	106	256197	99.994	ug/l	100
69) o-Xylene	10.646	106	126255	50.091	ug/l	98
70) Styrene	10.658	104	210319	50.145	ug/l	100
71) Bromoform	10.805	173	50718	40.492	ug/l #	98
73) Isopropylbenzene	10.963	105	326806	47.904	ug/l	100
74) N-amyl acetate	10.847	43	128399	46.793	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	108297	45.547	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	93108m	43.232	ug/l	
77) Bromobenzene	11.201	156	80618	46.070	ug/l	98
78) n-propylbenzene	11.305	91	372146	48.227	ug/l	99
79) 2-Chlorotoluene	11.365	91	226005	46.057	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	272324	48.130	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	24911	35.860	ug/l	88
82) 4-Chlorotoluene	11.457	91	254027	46.230	ug/l	100
83) tert-Butylbenzene	11.719	119	268234	48.366	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	271811	48.090	ug/l	99
85) sec-Butylbenzene	11.890	105	337950	50.697	ug/l	100
86) p-Isopropyltoluene	12.012	119	282695	50.497	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	149405	45.823	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	152129	45.700	ug/l	99
89) n-Butylbenzene	12.335	91	235593	50.450	ug/l	100
90) Hexachloroethane	12.542	117	42517	38.643	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	147261	47.295	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	21900	40.988	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	84993	45.616	ug/l	98
94) Hexachlorobutadiene	13.725	225	33555	50.662	ug/l	99
95) Naphthalene	13.780	128	293098	45.858	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	85964	46.505	ug/l	99

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

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