

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040222\
 Data File : VU047798.D
 Acq On : 02 Apr 2022 14:09
 Operator : SY/MD
 Sample : MDL03 2.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03 2.5ppb

Quant Time: Apr 04 09:25:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 04 09:23:18 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	286354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	434299	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	421506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	229691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	173019	56.321	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.640%			
35) Dibromofluoromethane	5.292	113	154781	53.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.280%			
50) Toluene-d8	7.899	98	534888	50.976	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.960%			
62) 4-Bromofluorobenzene	10.632	95	189002	46.250	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	7144	2.229	ug/l	97
3) Chloromethane	1.523	50	8926	2.497	ug/l	99
4) Vinyl Chloride	1.607	62	8777	2.616	ug/l	98
5) Bromomethane	1.855	94	6803	3.079	ug/l	96
6) Chloroethane	1.935	64	5618	2.559	ug/l	91
7) Trichlorofluoromethane	2.141	101	12333	2.627	ug/l	98
8) Diethyl Ether	2.379	74	4794	2.668	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.584	101	7144	2.545	ug/l	95
10) Methyl Iodide	2.726	142	5623	2.079	ug/l	99
11) Tert butyl alcohol	3.195	59	11044	12.829	ug/l #	50
12) 1,1-Dichloroethene	2.584	96	7372	2.692	ug/l	93
13) Acrolein	2.491	56	6445	14.864	ug/l	97
14) Allyl chloride	2.925	41	10218	2.624	ug/l	99
15) Acrylonitrile	3.324	53	24305	11.769	ug/l	99
16) Acetone	2.633	43	22379	9.992	ug/l	94
17) Carbon Disulfide	2.797	76	20587	2.551	ug/l	100
18) Methyl Acetate	2.954	43	10321	2.463	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	21871	2.533	ug/l	98
20) Methylene Chloride	3.051	84	9353	2.812	ug/l	93
21) trans-1,2-Dichloroethene	3.359	96	8200	2.745	ug/l	92
22) Diisopropyl ether	3.999	45	19659	2.539	ug/l	90
23) Vinyl Acetate	3.961	43	81317	11.577	ug/l	99
24) 1,1-Dichloroethane	3.877	63	13315	2.615	ug/l	98
25) 2-Butanone	4.710	43	31321	11.104	ug/l	99
26) 2,2-Dichloropropane	4.671	77	11621	2.575	ug/l	96
27) cis-1,2-Dichloroethene	4.671	96	8530	2.515	ug/l	96
28) Bromochloromethane	4.977	49	4486	2.463	ug/l #	98
29) Tetrahydrofuran	5.057	42	20260	11.606	ug/l	98
30) Chloroform	5.092	83	14711	2.681	ug/l	96
31) Cyclohexane	5.388	56	15306	3.341	ug/l #	81
32) 1,1,1-Trichloroethane	5.321	97	12462	2.634	ug/l	98
36) 1,1-Dichloropropene	5.526	75	10156	2.470	ug/l	98
37) Ethyl Acetate	4.813	43	11370	2.053	ug/l #	92
38) Carbon Tetrachloride	5.526	117	11687	2.665	ug/l	96
39) Methylcyclohexane	6.764	83	11241	2.236	ug/l	94
40) Benzene	5.774	78	32351	2.647	ug/l	98

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41) Methacrylonitrile	4.977	41	5212	2.085	ug/l	94
42) 1,2-Dichloroethane	5.797	62	11527	2.709	ug/l	100
43) Isopropyl Acetate	5.919	43	17002	2.447	ug/l	96
44) Trichloroethene	6.542	130	8895	2.510	ug/l	99
45) 1,2-Dichloropropane	6.790	63	8182	2.659	ug/l	93
46) Dibromomethane	6.922	93	6617	2.723	ug/l	98
47) Bromodichloromethane	7.105	83	12143	2.715	ug/l	98
48) Methyl methacrylate	6.964	41	6973	2.192	ug/l	95
49) 1,4-Dioxane	6.980	88	4415m	45.428	ug/l	
51) 4-Methyl-2-Pentanone	7.793	43	55250	10.862	ug/l	99
52) Toluene	7.970	92	20552	2.629	ug/l	96
53) t-1,3-Dichloropropene	8.211	75	11443	2.295	ug/l	91
54) cis-1,3-Dichloropropene	7.610	75	11880	2.320	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	8555	2.559	ug/l	94
56) Ethyl methacrylate	8.337	69	10269	2.139	ug/l	97
57) 1,3-Dichloropropane	8.578	76	14042	2.581	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	2603	7.604	ug/l	100
59) 2-Hexanone	8.687	43	45039	10.797	ug/l	96
60) Dibromochloromethane	8.812	129	9235	2.405	ug/l	96
61) 1,2-Dibromoethane	8.925	107	9515	2.507	ug/l	99
64) Tetrachloroethene	8.555	164	7913	2.538	ug/l	94
65) Chlorobenzene	9.446	112	22753	2.531	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	8589	2.594	ug/l	95
67) Ethyl Benzene	9.571	91	34640	2.354	ug/l	99
68) m/p-Xylenes	9.693	106	25877	4.471	ug/l	97
69) o-Xylene	10.102	106	12322	2.223	ug/l	99
70) Styrene	10.115	104	19639	2.133	ug/l	99
71) Bromoform	10.292	173	7926	2.342	ug/l #	96
73) Isopropylbenzene	10.484	105	31931	2.377	ug/l	97
74) N-amyl acetate	10.320	43	11663	2.197	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.783	83	15644	2.789	ug/l	95
76) 1,2,3-Trichloropropane	10.825	75	15485	2.408	ug/l	98
77) Bromobenzene	10.783	156	10776	2.791	ug/l	96
78) n-propylbenzene	10.906	91	37793	2.355	ug/l	99
79) 2-Chlorotoluene	10.986	91	25068	2.599	ug/l	96
80) 1,3,5-Trimethylbenzene	11.089	105	26096	2.304	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	3735	2.068	ug/l	87
82) 4-Chlorotoluene	11.095	91	27326	2.439	ug/l	99
83) tert-Butylbenzene	11.420	119	27141	2.331	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	24771	2.201	ug/l	98
85) sec-Butylbenzene	11.645	105	31637	2.226	ug/l	97
86) p-Isopropyltoluene	11.793	119	25956	2.130	ug/l	94
87) 1,3-Dichlorobenzene	11.745	146	18919	2.462	ug/l	97
88) 1,4-Dichlorobenzene	11.838	146	20190	2.565	ug/l	92
89) n-Butylbenzene	12.211	91	24221	2.127	ug/l	99
90) Hexachloroethane	12.478	117	5802	2.354	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	19517	2.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	3451	2.470	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	12627	2.384	ug/l	99
94) Hexachlorobutadiene	14.021	225	6230	2.332	ug/l	98
95) Naphthalene	14.089	128	32082	2.033	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	12265	2.375	ug/l	99

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

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