

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047776.D
 Acq On : 31 Mar 2022 16:38
 Operator : SY/MD
 Sample : MDL02 0.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.5ppb

Quant Time: Apr 01 02:44:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 01 02:44:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	308772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	470621	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	458088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	248699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	189111	57.089	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.180%			
35) Dibromofluoromethane	5.292	113	168745	53.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.940%			
50) Toluene-d8	7.899	98	588869	51.789	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.580%			
62) 4-Bromofluorobenzene	10.632	95	214508	48.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1824	0.528	ug/l	99
3) Chloromethane	1.523	50	2374	0.616	ug/l	91
4) Vinyl Chloride	1.607	62	2010	0.556	ug/l #	83
5) Bromomethane	1.861	94	1577	0.662	ug/l	89
6) Chloroethane	1.938	64	1707	0.721	ug/l #	85
7) Trichlorofluoromethane	2.144	101	2924	0.578	ug/l	95
8) Diethyl Ether	2.379	74	1239	0.639	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.584	101	1850	0.611	ug/l	92
10) Methyl Iodide	2.729	142	1379	0.473	ug/l #	78
11) Tert butyl alcohol	3.253	59	3006m	3.238	ug/l	
12) 1,1-Dichloroethene	2.588	96	1847	0.625	ug/l	98
13) Acrolein	2.494	56	1668	3.568	ug/l	90
14) Allyl chloride	2.932	41	2098	0.500	ug/l #	85
15) Acrylonitrile	3.343	53	6360	2.856	ug/l #	85
16) Acetone	2.658	43	7604	3.148	ug/l	94
17) Carbon Disulfide	2.800	76	6473	0.744	ug/l #	92
18) Methyl Acetate	2.964	43	2804	0.620	ug/l	95
19) Methyl tert-butyl Ether	3.366	73	5682	0.610	ug/l	92
20) Methylene Chloride	3.051	84	2654	0.740	ug/l	93
21) trans-1,2-Dichloroethene	3.359	96	1870	0.581	ug/l	92
22) Diisopropyl ether	3.993	45	4812	0.576	ug/l #	51
23) Vinyl Acetate	3.967	43	18623	2.459	ug/l	98
24) 1,1-Dichloroethane	3.880	63	3264	0.594	ug/l #	82
25) 2-Butanone	4.735	43	7876	2.590	ug/l	97
26) 2,2-Dichloropropane	4.671	77	2921	0.600	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	2406	0.658	ug/l	89
28) Bromochloromethane	4.983	49	955	0.486	ug/l #	98
29) Tetrahydrofuran	5.079	42	5191	2.758	ug/l	98
30) Chloroform	5.089	83	3670	0.620	ug/l	98
31) Cyclohexane	5.382	56	8231	1.666	ug/l #	27
32) 1,1,1-Trichloroethane	5.321	97	3107	0.609	ug/l #	50
36) 1,1-Dichloropropene	5.530	75	2781	0.624	ug/l	95
37) Ethyl Acetate	4.813	43	4304m	0.717	ug/l	
38) Carbon Tetrachloride	5.530	117	2811	0.592	ug/l	97
39) Methylcyclohexane	6.764	83	3259	0.598	ug/l	92
40) Benzene	5.777	78	8027	0.606	ug/l	99

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 Supervised By :Mahesh Dadoda 04/01/2022

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41) Methacrylonitrile	4.993	41	1382	0.510	ug/l #	87
42) 1,2-Dichloroethane	5.796	62	3200	0.694	ug/l	96
43) Isopropyl Acetate	5.919	43	4295	0.570	ug/l #	89
44) Trichloroethene	6.542	130	2329	0.607	ug/l	91
45) 1,2-Dichloropropane	6.793	63	1907	0.572	ug/l	91
46) Dibromomethane	6.919	93	1545	0.587	ug/l	98
47) Bromodichloromethane	7.108	83	2970	0.613	ug/l	95
48) Methyl methacrylate	6.970	41	1786	0.518	ug/l	96
49) 1,4-Dioxane	7.054	88	1179m	11.195	ug/l	
51) 4-Methyl-2-Pentanone	7.796	43	15912	2.887	ug/l	99
52) Toluene	7.970	92	4796	0.566	ug/l	92
53) t-1,3-Dichloropropene	8.218	75	2995	0.554	ug/l #	56
54) cis-1,3-Dichloropropene	7.607	75	2659	0.479	ug/l #	84
55) 1,1,2-Trichloroethane	8.401	97	2159	0.596	ug/l	94
56) Ethyl methacrylate	8.340	69	2714	0.522	ug/l	95
57) 1,3-Dichloropropane	8.574	76	3498	0.593	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	569	1.534	ug/l #	86
59) 2-Hexanone	8.693	43	13307	2.944	ug/l	96
60) Dibromochloromethane	8.812	129	2265	0.544	ug/l	100
61) 1,2-Dibromoethane	8.925	107	2445	0.594	ug/l	89
64) Tetrachloroethene	8.555	164	2140	0.632	ug/l	92
65) Chlorobenzene	9.446	112	5759	0.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	1972	0.548	ug/l #	56
67) Ethyl Benzene	9.571	91	9139	0.571	ug/l	99
68) m/p-Xylenes	9.693	106	6757	1.074	ug/l	96
69) o-Xylene	10.102	106	3341	0.555	ug/l	96
70) Styrene	10.115	104	4751	0.475	ug/l	94
71) Bromoform	10.295	173	1965	0.534	ug/l #	99
73) Isopropylbenzene	10.484	105	7798	0.536	ug/l	100
74) N-amyl acetate	10.327	43	3190	0.555	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	10.783	83	3670	0.604	ug/l	95
76) 1,2,3-Trichloropropane	10.828	75	4321	0.621	ug/l #	43
77) Bromobenzene	10.780	156	3072	0.735	ug/l	90
78) n-propylbenzene	10.906	91	10225	0.588	ug/l	98
79) 2-Chlorotoluene	10.989	91	6361	0.609	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	6645	0.542	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.542	75	806m	0.412	ug/l	
82) 4-Chlorotoluene	11.098	91	7176	0.592	ug/l	98
83) tert-Butylbenzene	11.420	119	6855	0.544	ug/l	97
84) 1,2,4-Trimethylbenzene	11.471	105	6737	0.553	ug/l	98
85) sec-Butylbenzene	11.645	105	8311	0.540	ug/l	97
86) p-Isopropyltoluene	11.793	119	6808	0.516	ug/l	86
87) 1,3-Dichlorobenzene	11.745	146	5495	0.660	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	5689	0.667	ug/l	80
89) n-Butylbenzene	12.211	91	7100	0.576	ug/l	93
90) Hexachloroethane	12.478	117	1410	0.528	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	5561	0.688	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.002	75	920	0.608	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	4263	0.743	ug/l	91
94) Hexachlorobutadiene	14.024	225	1922	0.664	ug/l	92
95) Naphthalene	14.092	128	13754	0.805	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	4269	0.763	ug/l	96

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

