

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049578.D
 Acq On : 30 Jun 2022 21:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 05:28:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

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

Internal Standards						07/01/2022
1) Pentafluorobenzene	5.372	168	178063	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	322369	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	289232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	136425	50.000	ug/l	0.00
System Monitoring Compounds						07/01/2022
33) 1,2-Dichloroethane-d4	5.700	65	146734	53.508	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.020%
35) Dibromofluoromethane	5.288	113	116408	51.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.220%
50) Toluene-d8	7.896	98	398207	49.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.000%
62) 4-Bromofluorobenzene	10.632	95	148323	48.133	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.260%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	121766	42.556	ug/l	99
3) Chloromethane	1.520	50	155729	44.419	ug/l	98
4) Vinyl Chloride	1.600	62	135406	47.004	ug/l	99
5) Bromomethane	1.838	94	47867	53.437	ug/l	99
6) Chloroethane	1.919	64	76907	57.570	ug/l	99
7) Trichlorofluoromethane	2.128	101	162356	44.222	ug/l	98
8) Diethyl Ether	2.375	74	71987	54.281	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.575	101	92155	46.653	ug/l	95
10) Methyl Iodide	2.716	142	137462	67.685	ug/l	95
11) Tert butyl alcohol	3.189	59	211958m	330.226	ug/l	
12) 1,1-Dichloroethene	2.575	96	95934	49.604	ug/l	91
13) Acrolein	2.485	56	47267	108.742	ug/l	100
14) Allyl chloride	2.919	41	201183	51.471	ug/l	# 86
15) Acrylonitrile	3.311	53	445210	288.403	ug/l	99
16) Acetone	2.626	43	356365	257.691	ug/l	100
17) Carbon Disulfide	2.787	76	258611	42.878	ug/l	99
18) Methyl Acetate	2.948	43	214917	57.410	ug/l	90
19) Methyl tert-butyl Ether	3.362	73	399837	55.587	ug/l	96
20) Methylene Chloride	3.041	84	130026	56.580	ug/l	89
21) trans-1,2-Dichloroethene	3.350	96	105682	50.691	ug/l	92
22) Diisopropyl ether	3.989	45	411545	55.147	ug/l	# 77
23) Vinyl Acetate	3.954	43	1805134	275.974	ug/l	94
24) 1,1-Dichloroethane	3.867	63	225833	52.683	ug/l	100
25) 2-Butanone	4.700	43	589181	284.285	ug/l	95
26) 2,2-Dichloropropane	4.661	77	137147	38.441	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	132730	55.102	ug/l	92
28) Bromochloromethane	4.973	49	101264	54.044	ug/l	# 77
29) Tetrahydrofuran	5.050	42	394585	277.534	ug/l	87
30) Chloroform	5.086	83	222119	52.382	ug/l	98
31) Cyclohexane	5.385	56	173852	42.222	ug/l	90
32) 1,1,1-Trichloroethane	5.314	97	185656	50.462	ug/l	99
36) 1,1-Dichloropropene	5.523	75	144832	44.288	ug/l	97
37) Ethyl Acetate	4.803	43	224430	50.222	ug/l	# 95
38) Carbon Tetrachloride	5.523	117	151507	44.175	ug/l	99
39) Methylcyclohexane	6.761	83	154734	39.474	ug/l	89
40) Benzene	5.774	78	484391	49.060	ug/l	99

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41) Methacrylonitrile	4.970	41	118763	53.039	ug/l	89
42) 1,2-Dichloroethane	5.793	62	179206	48.767	ug/l	98
43) Isopropyl Acetate	5.909	43	332217	50.736	ug/l	97
44) Trichloroethene	6.542	130	119172	50.774	ug/l	85
45) 1,2-Dichloropropane	6.790	63	136868	50.028	ug/l	100
46) Dibromomethane	6.915	93	93243	51.120	ug/l	89
47) Bromodichloromethane	7.105	83	176146	50.174	ug/l	100
48) Methyl methacrylate	6.957	41	160027	52.150	ug/l	88
49) 1,4-Dioxane	6.973	88	86832	1104.503	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1107129	252.642	ug/l	95
52) Toluene	7.967	92	287478	48.988	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	183019	48.600	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	200410	49.842	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	125690	51.803	ug/l	97
56) Ethyl methacrylate	8.333	69	214708	52.909	ug/l	93
57) 1,3-Dichloropropane	8.574	76	216590	50.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	135071	417.611	ug/l	94
59) 2-Hexanone	8.684	43	860569	249.722	ug/l	95
60) Dibromochloromethane	8.809	129	128570	50.957	ug/l	100
61) 1,2-Dibromoethane	8.922	107	133622	50.536	ug/l	99
64) Tetrachloroethene	8.552	164	84958	45.797	ug/l	94
65) Chlorobenzene	9.446	112	289336	48.932	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	115879	51.949	ug/l	99
67) Ethyl Benzene	9.568	91	524321	48.301	ug/l	97
68) m/p-Xylenes	9.693	106	393078	97.866	ug/l	92
69) o-Xylene	10.098	106	198011	49.659	ug/l	88
70) Styrene	10.111	104	327505	51.118	ug/l	95
71) Bromoform	10.291	173	98755	51.620	ug/l #	99
73) Isopropylbenzene	10.484	105	489371	50.355	ug/l	96
74) N-amyl acetate	10.320	43	269981	52.489	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.783	83	223454	54.280	ug/l	98
76) 1,2,3-Trichloropropane	10.822	75	242338	52.401	ug/l	99
77) Bromobenzene	10.780	156	122357	51.580	ug/l	85
78) n-propylbenzene	10.906	91	564929	47.839	ug/l	96
79) 2-Chlorotoluene	10.986	91	359410	49.400	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	418987	49.384	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.545	75	60584	48.377	ug/l	92
82) 4-Chlorotoluene	11.095	91	402680	49.211	ug/l	92
83) tert-Butylbenzene	11.420	119	410131	49.147	ug/l	95
84) 1,2,4-Trimethylbenzene	11.468	105	418179	50.171	ug/l	94
85) sec-Butylbenzene	11.642	105	473103	45.092	ug/l	97
86) p-Isopropyltoluene	11.793	119	386068	45.501	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	215092	47.428	ug/l	96
88) 1,4-Dichlorobenzene	11.835	146	217815	47.784	ug/l	98
89) n-Butylbenzene	12.208	91	319884	40.727	ug/l	98
90) Hexachloroethane	12.475	117	73708	43.614	ug/l	83
91) 1,2-Dichlorobenzene	12.211	146	227272	49.875	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.995	75	56766	53.776	ug/l	82
93) 1,2,4-Trichlorobenzene	13.838	180	135913	44.638	ug/l	98
94) Hexachlorobutadiene	14.021	225	51721	36.590	ug/l	99
95) Naphthalene	14.085	128	535205	50.105	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	146237	46.596	ug/l	97

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

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