

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040222\
 Data File : VU047802.D
 Acq On : 02 Apr 2022 15:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 04 09:05:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 04 09:00:10 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	297408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	442002	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	428503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	257759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	166510	52.187	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.380%			
35) Dibromofluoromethane	5.292	113	152266	51.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.740%			
50) Toluene-d8	7.899	98	536820	50.268	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.540%			
62) 4-Bromofluorobenzene	10.632	95	205636	49.444	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	169179	50.821	ug/l	100
3) Chloromethane	1.523	50	177345	47.771	ug/l	98
4) Vinyl Chloride	1.607	62	181365	52.044	ug/l	100
5) Bromomethane	1.848	94	125481	54.677	ug/l	97
6) Chloroethane	1.932	64	111055	48.698	ug/l	95
7) Trichlorofluoromethane	2.137	101	244615	50.177	ug/l	97
8) Diethyl Ether	2.379	74	93810	50.266	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	145622	49.948	ug/l	98
10) Methyl Iodide	2.726	142	159873	52.410	ug/l	100
11) Tert butyl alcohol	3.189	59	218593m	244.494	ug/l	
12) 1,1-Dichloroethene	2.581	96	141993	49.917	ug/l	97
13) Acrolein	2.488	56	79398	187.401	ug/l	99
14) Allyl chloride	2.925	41	209993	51.931	ug/l	98
15) Acrylonitrile	3.314	53	511880	238.658	ug/l	100
16) Acetone	2.626	43	416796	179.170	ug/l	100
17) Carbon Disulfide	2.797	76	406724	48.531	ug/l	100
18) Methyl Acetate	2.948	43	215163	49.430	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	468322	52.227	ug/l	98
20) Methylene Chloride	3.047	84	167318	48.430	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	160212	51.639	ug/l	96
22) Diisopropyl ether	3.993	45	429732	53.435	ug/l #	82
23) Vinyl Acetate	3.957	43	1945284	266.648	ug/l	99
24) 1,1-Dichloroethane	3.870	63	275439	52.075	ug/l	99
25) 2-Butanone	4.700	43	679361	231.902	ug/l	97
26) 2,2-Dichloropropane	4.668	77	229865	49.036	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	182706	51.871	ug/l	99
28) Bromochloromethane	4.977	49	107637	56.890	ug/l	98
29) Tetrahydrofuran	5.050	42	433080	238.875	ug/l	99
30) Chloroform	5.089	83	293136	51.437	ug/l	98
31) Cyclohexane	5.391	56	235696	49.540	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	253826	51.650	ug/l	99
36) 1,1-Dichloropropene	5.530	75	214150	51.175	ug/l	99
37) Ethyl Acetate	4.803	43	251169	44.571	ug/l #	91
38) Carbon Tetrachloride	5.526	117	231580	51.887	ug/l	100
39) Methylcyclohexane	6.764	83	256526	50.139	ug/l	99
40) Benzene	5.774	78	641185	51.553	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	128554	50.523	ug/l	96
42) 1,2-Dichloroethane	5.796	62	223293	51.567	ug/l	99
43) Isopropyl Acetate	5.912	43	355728	50.303	ug/l	99
44) Trichloroethene	6.542	130	181705	50.390	ug/l	96
45) 1,2-Dichloropropane	6.793	63	164418	52.504	ug/l	99
46) Dibromomethane	6.919	93	126188	51.021	ug/l	99
47) Bromodichloromethane	7.105	83	236034	51.846	ug/l	99
48) Methyl methacrylate	6.960	41	168769	52.119	ug/l	100
49) 1,4-Dioxane	6.970	88	96269	973.298	ug/l #	3
51) 4-Methyl-2-Pentanone	7.790	43	1283371	247.904	ug/l	100
52) Toluene	7.970	92	413736	52.008	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	256343	50.515	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	271347	52.061	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	171909	50.525	ug/l	98
56) Ethyl methacrylate	8.333	69	257627	52.736	ug/l	99
57) 1,3-Dichloropropane	8.574	76	282690	51.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	106485	271.138	ug/l	99
59) 2-Hexanone	8.684	43	1054992	248.490	ug/l	99
60) Dibromochloromethane	8.812	129	200508	51.315	ug/l	100
61) 1,2-Dibromoethane	8.925	107	197188	51.047	ug/l	99
64) Tetrachloroethene	8.555	164	157224	49.613	ug/l	98
65) Chlorobenzene	9.446	112	465557	50.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	175338	52.096	ug/l	99
67) Ethyl Benzene	9.571	91	786946	52.597	ug/l	100
68) m/p-Xylenes	9.693	106	631622	107.360	ug/l	100
69) o-Xylene	10.102	106	304087	53.975	ug/l	99
70) Styrene	10.115	104	512184	54.729	ug/l	100
71) Bromoform	10.291	173	175358	50.971	ug/l	100
73) Isopropylbenzene	10.484	105	781576	51.847	ug/l	99
74) N-amyl acetate	10.320	43	315368	52.933	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.783	83	322111	51.173	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	362283	50.208	ug/l	98
77) Bromobenzene	10.783	156	222028	51.253	ug/l	98
78) n-propylbenzene	10.906	91	937310	52.043	ug/l	99
79) 2-Chlorotoluene	10.986	91	552562	51.058	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	670735	52.769	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	101493	50.066	ug/l	99
82) 4-Chlorotoluene	11.095	91	647195	51.476	ug/l	99
83) tert-Butylbenzene	11.420	119	671596	51.393	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	670211	53.060	ug/l	99
85) sec-Butylbenzene	11.645	105	824300	51.680	ug/l	99
86) p-Isopropyltoluene	11.793	119	717458	52.466	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	422902	49.035	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	427889	48.440	ug/l	99
89) n-Butylbenzene	12.208	91	647147	50.641	ug/l	100
90) Hexachloroethane	12.475	117	137042	49.541	ug/l	100
91) 1,2-Dichlorobenzene	12.211	146	428950	51.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	82668	52.716	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	326554	54.951	ug/l	99
94) Hexachlorobutadiene	14.021	225	147577	49.223	ug/l	100
95) Naphthalene	14.085	128	995884	56.239	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	321661	55.502	ug/l	99

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

