

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
 Data File : VU048848.D
 Acq On : 03 Jun 2022 11:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022

Quant Time: Jun 04 04:51:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	234192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	388495	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	357191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	184868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	183191	52.086	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.180%			
35) Dibromofluoromethane	5.288	113	145765	52.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.180%			
50) Toluene-d8	7.899	98	512267	51.561	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.120%			
62) 4-Bromofluorobenzene	10.632	95	197446	52.548	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	124843	46.566	ug/l	99
3) Chloromethane	1.520	50	165881	48.064	ug/l	98
4) Vinyl Chloride	1.604	62	161041	50.380	ug/l	99
5) Bromomethane	1.848	94	112862	64.772	ug/l	100
6) Chloroethane	1.919	64	90810	51.830	ug/l	98
7) Trichlorofluoromethane	2.131	101	217492	47.641	ug/l	98
8) Diethyl Ether	2.375	74	86185	51.158	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	128307	51.344	ug/l	97
10) Methyl Iodide	2.719	142	184722	49.778	ug/l	97
11) Tert butyl alcohol	3.192	59	275806m	309.308	ug/l	
12) 1,1-Dichloroethene	2.575	96	120302	50.471	ug/l	97
13) Acrolein	2.485	56	74939	253.670	ug/l	96
14) Allyl chloride	2.919	41	251564	54.490	ug/l	97
15) Acrylonitrile	3.314	53	559043	289.074	ug/l	100
16) Acetone	2.629	43	554592	309.411	ug/l	99
17) Carbon Disulfide	2.787	76	296112	42.555	ug/l	100
18) Methyl Acetate	2.948	43	252809	56.176	ug/l	98
19) Methyl tert-butyl Ether	3.362	73	503464	55.667	ug/l	99
20) Methylene Chloride	3.041	84	155110	50.889	ug/l	97
21) trans-1,2-Dichloroethene	3.350	96	130097	47.715	ug/l	93
22) Diisopropyl ether	3.989	45	508815	59.748	ug/l	94
23) Vinyl Acetate	3.954	43	2227598	301.911	ug/l	99
24) 1,1-Dichloroethane	3.867	63	286580	53.582	ug/l	99
25) 2-Butanone	4.703	43	799274	310.402	ug/l	100
26) 2,2-Dichloropropane	4.665	77	242818	50.605	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	161858	51.287	ug/l	100
28) Bromochloromethane	4.973	49	123674	58.952	ug/l	96
29) Tetrahydrofuran	5.050	42	487644	300.653	ug/l	96
30) Chloroform	5.089	83	282313	52.753	ug/l	99
31) Cyclohexane	5.385	56	229340	51.742	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	243314	50.114	ug/l	99
36) 1,1-Dichloropropene	5.526	75	192793	47.661	ug/l	99
37) Ethyl Acetate	4.803	43	275244	53.824	ug/l	99
38) Carbon Tetrachloride	5.523	117	206932	44.590	ug/l	97
39) Methylcyclohexane	6.764	83	230997	54.462	ug/l	98
40) Benzene	5.774	78	577465	48.354	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	148258	57.372	ug/l	99
42) 1,2-Dichloroethane	5.793	62	224631	48.051	ug/l	99
43) Isopropyl Acetate	5.912	43	403275	54.334	ug/l	99
44) Trichloroethene	6.542	130	146142	47.499	ug/l	98
45) 1,2-Dichloropropane	6.790	63	171886	57.171	ug/l	99
46) Dibromomethane	6.919	93	114366	50.915	ug/l	98
47) Bromodichloromethane	7.105	83	227783	50.146	ug/l	99
48) Methyl methacrylate	6.960	41	196489	58.971	ug/l	97
49) 1,4-Dioxane	6.986	88	100491	1349.155	ug/l	93
51) 4-Methyl-2-Pentanone	7.793	43	1481172	307.336	ug/l	99
52) Toluene	7.970	92	371699	52.035	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	252148	51.459	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	266318	52.450	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	160369	50.869	ug/l	99
56) Ethyl methacrylate	8.333	69	266874	53.383	ug/l	98
57) 1,3-Dichloropropane	8.574	76	278281	52.446	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	273535	243.688	ug/l	96
59) 2-Hexanone	8.687	43	1168661	295.371	ug/l	99
60) Dibromochloromethane	8.812	129	173441	49.079	ug/l	99
61) 1,2-Dibromoethane	8.925	107	168424	48.510	ug/l	97
64) Tetrachloroethene	8.555	164	125319	50.537	ug/l	97
65) Chlorobenzene	9.446	112	394070	52.163	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	154908	54.021	ug/l	98
67) Ethyl Benzene	9.571	91	703548	55.216	ug/l	98
68) m/p-Xylenes	9.693	106	551985	110.765	ug/l	99
69) o-Xylene	10.102	106	273845	55.933	ug/l	98
70) Styrene	10.115	104	452062	56.135	ug/l	99
71) Bromoform	10.295	173	139249	52.521	ug/l #	99
73) Isopropylbenzene	10.484	105	716000	59.992	ug/l	99
74) N-amyl acetate	10.320	43	365359	59.950	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.783	83	299338	61.459	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	345570	57.976	ug/l	98
77) Bromobenzene	10.783	156	173733	54.202	ug/l	96
78) n-propylbenzene	10.906	91	836678	58.832	ug/l	99
79) 2-Chlorotoluene	10.986	91	510805	57.757	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	622385	59.966	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	91254	55.587	ug/l	97
82) 4-Chlorotoluene	11.095	91	585363	57.366	ug/l	100
83) tert-Butylbenzene	11.420	119	618104	62.050	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	623075	55.567	ug/l	99
85) sec-Butylbenzene	11.645	105	777283	62.372	ug/l	99
86) p-Isopropyltoluene	11.793	119	665957	62.228	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	332174	52.857	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	334964	51.591	ug/l	99
89) n-Butylbenzene	12.208	91	568796	52.963	ug/l	99
90) Hexachloroethane	12.475	117	115209	52.749	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	337470	53.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	75587	53.900	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	212817	51.084	ug/l	100
94) Hexachlorobutadiene	14.021	225	110148	55.161	ug/l	98
95) Naphthalene	14.085	128	729423	50.120	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	222983	54.040	ug/l	99

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

