

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049553.D
 Acq On : 30 Jun 2022 10:21
 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 :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 05:23:25 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

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	233973	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	392892	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	357243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	173710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	161908	44.933	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.860%		
35) Dibromofluoromethane	5.288	113	129830	47.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.460%		
50) Toluene-d8	7.899	98	467057	47.639	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.280%		
62) 4-Bromofluorobenzene	10.632	95	177931	47.377	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	166297	44.231	ug/l	100
3) Chloromethane	1.520	50	190447	41.285	ug/l	98
4) Vinyl Chloride	1.604	62	171317	45.259	ug/l	99
5) Bromomethane	1.855	94	68404	58.116	ug/l	99
6) Chloroethane	1.928	64	93999	53.684	ug/l	96
7) Trichlorofluoromethane	2.134	101	215370	44.644	ug/l	98
8) Diethyl Ether	2.375	74	85074	48.820	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.578	101	128303	49.432	ug/l	95
10) Methyl Iodide	2.719	142	166017	62.819	ug/l	95
11) Tert butyl alcohol	3.199	59	223442m	264.932	ug/l	
12) 1,1-Dichloroethene	2.578	96	123019	48.409	ug/l	91
13) Acrolein	2.488	56	76911	134.659	ug/l	95
14) Allyl chloride	2.922	41	248055	48.298	ug/l #	87
15) Acrylonitrile	3.314	53	502023	247.495	ug/l	99
16) Acetone	2.629	43	537608	295.854	ug/l	99
17) Carbon Disulfide	2.790	76	344066	43.414	ug/l	100
18) Methyl Acetate	2.948	43	226269	45.999	ug/l	91
19) Methyl tert-butyl Ether	3.362	73	464575	49.153	ug/l	96
20) Methylene Chloride	3.044	84	151036	49.930	ug/l	91
21) trans-1,2-Dichloroethene	3.353	96	131532	48.014	ug/l	91
22) Diisopropyl ether	3.993	45	478315	48.779	ug/l #	74
23) Vinyl Acetate	3.954	43	2126746	247.447	ug/l	95
24) 1,1-Dichloroethane	3.867	63	268829	47.727	ug/l	98
25) 2-Butanone	4.700	43	724059	265.881	ug/l	94
26) 2,2-Dichloropropane	4.665	77	223256	47.623	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	157916	49.892	ug/l	91
28) Bromochloromethane	4.973	49	113305	46.021	ug/l #	76
29) Tetrahydrofuran	5.051	42	440218	235.641	ug/l	88
30) Chloroform	5.089	83	260775	46.803	ug/l	100
31) Cyclohexane	5.388	56	240136	44.383	ug/l	89
32) 1,1,1-Trichloroethane	5.317	97	228801	47.328	ug/l	100
36) 1,1-Dichloropropene	5.526	75	190658	47.836	ug/l	97
37) Ethyl Acetate	4.803	43	254838	46.791	ug/l	95
38) Carbon Tetrachloride	5.526	117	196575	47.028	ug/l	100
39) Methylcyclohexane	6.764	83	226729	47.459	ug/l	91
40) Benzene	5.774	78	579220	48.135	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	133368	48.870	ug/l #	89
42) 1,2-Dichloroethane	5.793	62	205570	45.900	ug/l	100
43) Isopropyl Acetate	5.909	43	384787	48.217	ug/l	97
44) Trichloroethene	6.542	130	140648	49.167	ug/l	87
45) 1,2-Dichloropropane	6.790	63	159141	47.728	ug/l	99
46) Dibromomethane	6.919	93	106175	47.761	ug/l	92
47) Bromodichloromethane	7.105	83	205826	48.104	ug/l	99
48) Methyl methacrylate	6.960	41	181454	48.518	ug/l	89
49) 1,4-Dioxane	6.989	88	96393	1006.034	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1263998	236.665	ug/l	96
52) Toluene	7.970	92	354818	49.610	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	229695	50.046	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	249078	50.827	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	145750	49.288	ug/l	98
56) Ethyl methacrylate	8.333	69	254062	51.369	ug/l	93
57) 1,3-Dichloropropane	8.575	76	252285	48.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	146752	373.657	ug/l	93
59) 2-Hexanone	8.684	43	1004698	239.214	ug/l	95
60) Dibromochloromethane	8.809	129	154474	50.234	ug/l	98
61) 1,2-Dibromoethane	8.925	107	158976	49.333	ug/l	100
64) Tetrachloroethene	8.552	164	113181	49.395	ug/l	91
65) Chlorobenzene	9.446	112	362440	49.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	137611	49.947	ug/l	99
67) Ethyl Benzene	9.571	91	676395	50.448	ug/l	96
68) m/p-Xylenes	9.693	106	503653	101.523	ug/l	90
69) o-Xylene	10.099	106	251011	50.967	ug/l	91
70) Styrene	10.115	104	410764	51.908	ug/l	95
71) Bromoform	10.291	173	117532	49.739	ug/l #	99
73) Isopropylbenzene	10.484	105	649210	52.464	ug/l	95
74) N-amyl acetate	10.320	43	329654	50.334	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	255752	48.791	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	289708	49.198	ug/l	97
77) Bromobenzene	10.780	156	154925	51.291	ug/l	85
78) n-propylbenzene	10.906	91	779592	51.847	ug/l	96
79) 2-Chlorotoluene	10.986	91	461845	49.854	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	554144	51.295	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	79481	49.844	ug/l	94
82) 4-Chlorotoluene	11.095	91	531171	50.981	ug/l	93
83) tert-Butylbenzene	11.420	119	541710	50.981	ug/l	94
84) 1,2,4-Trimethylbenzene	11.468	105	550547	51.875	ug/l	94
85) sec-Butylbenzene	11.642	105	672238	50.320	ug/l	97
86) p-Isopropyltoluene	11.793	119	557241	51.579	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	282020	48.838	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	284560	49.027	ug/l	97
89) n-Butylbenzene	12.208	91	492841	49.280	ug/l	98
90) Hexachloroethane	12.475	117	96913	45.037	ug/l	85
91) 1,2-Dichlorobenzene	12.211	146	285936	49.280	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	65291	48.576	ug/l	82
93) 1,2,4-Trichlorobenzene	13.838	180	187599	48.242	ug/l	97
94) Hexachlorobutadiene	14.021	225	82397	45.779	ug/l	98
95) Naphthalene	14.086	128	702989	51.632	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	195484	48.860	ug/l	98

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

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