

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049475.D
 Acq On : 28 Jun 2022 21:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 05:23:20 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 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	272059	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	481732	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	428723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	199300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	194946	46.528	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.060%		
35) Dibromofluoromethane	5.289	113	157631	46.770	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.540%		
50) Toluene-d8	7.896	98	572276	47.606	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.220%		
62) 4-Bromofluorobenzene	10.632	95	212475	46.141	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	199847	45.713	ug/l	99
3) Chloromethane	1.520	50	221472	41.289	ug/l	97
4) Vinyl Chloride	1.604	62	211651	48.087	ug/l	99
5) Bromomethane	1.851	94	78357	57.253	ug/l	95
6) Chloroethane	1.922	64	109925	53.980	ug/l	96
7) Trichlorofluoromethane	2.131	101	258125	46.016	ug/l	98
8) Diethyl Ether	2.375	74	103573	51.115	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.578	101	156611	51.891	ug/l	96
10) Methyl Iodide	2.720	142	209747	67.605	ug/l	97
11) Tert butyl alcohol	3.202	59	290624m	296.349	ug/l	
12) 1,1-Dichloroethene	2.578	96	155948	52.776	ug/l	94
13) Acrolein	2.485	56	109581	165.000	ug/l	100
14) Allyl chloride	2.919	41	299024	50.071	ug/l #	86
15) Acrylonitrile	3.314	53	613387	260.064	ug/l	99
16) Acetone	2.629	43	497565	235.486	ug/l	99
17) Carbon Disulfide	2.790	76	439156	47.656	ug/l	99
18) Methyl Acetate	2.948	43	278087	48.619	ug/l	93
19) Methyl tert-butyl Ether	3.363	73	580706	52.839	ug/l	99
20) Methylene Chloride	3.041	84	194002	55.234	ug/l	93
21) trans-1,2-Dichloroethene	3.350	96	164066	51.506	ug/l	92
22) Diisopropyl ether	3.993	45	592295	51.946	ug/l #	72
23) Vinyl Acetate	3.954	43	2605288	260.690	ug/l	95
24) 1,1-Dichloroethane	3.867	63	330990	50.537	ug/l	99
25) 2-Butanone	4.703	43	822463	259.736	ug/l	96
26) 2,2-Dichloropropane	4.665	77	222050	40.735	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	196525	53.398	ug/l	93
28) Bromochloromethane	4.973	49	139325	48.667	ug/l #	80
29) Tetrahydrofuran	5.051	42	546040	251.368	ug/l	89
30) Chloroform	5.089	83	321751	49.663	ug/l	99
31) Cyclohexane	5.388	56	298955	47.519	ug/l	91
32) 1,1,1-Trichloroethane	5.314	97	280895	49.970	ug/l	99
36) 1,1-Dichloropropene	5.526	75	235656	48.222	ug/l	98
37) Ethyl Acetate	4.803	43	313025	46.875	ug/l #	94
38) Carbon Tetrachloride	5.523	117	240808	46.986	ug/l	100
39) Methylcyclohexane	6.761	83	281485	48.054	ug/l	93
40) Benzene	5.774	78	724888	49.131	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	164585	49.187	ug/l #	89
42) 1,2-Dichloroethane	5.793	62	249742	45.480	ug/l	100
43) Isopropyl Acetate	5.909	43	470198	48.054	ug/l	98
44) Trichloroethene	6.543	130	172731	49.247	ug/l	90
45) 1,2-Dichloropropane	6.790	63	196068	47.959	ug/l	99
46) Dibromomethane	6.919	93	133483	48.972	ug/l	91
47) Bromodichloromethane	7.105	83	250180	47.688	ug/l	99
48) Methyl methacrylate	6.957	41	225698	49.219	ug/l	89
49) 1,4-Dioxane	6.986	88	123066	1047.546	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1543441	235.692	ug/l	97
52) Toluene	7.970	92	436467	49.772	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	267627	47.557	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	296306	49.313	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	180736	49.848	ug/l	99
56) Ethyl methacrylate	8.333	69	317176	52.303	ug/l	94
57) 1,3-Dichloropropane	8.575	76	312472	48.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	180160	374.108	ug/l	94
59) 2-Hexanone	8.684	43	1207123	234.407	ug/l	96
60) Dibromochloromethane	8.809	129	188478	49.989	ug/l	100
61) 1,2-Dibromoethane	8.922	107	194964	49.343	ug/l	100
64) Tetrachloroethene	8.555	164	136308	49.570	ug/l	93
65) Chlorobenzene	9.446	112	437807	49.951	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.533	131	171661	51.918	ug/l	98
67) Ethyl Benzene	9.571	91	831502	51.676	ug/l	97
68) m/p-Xylenes	9.694	106	615345	103.357	ug/l	90
69) o-Xylene	10.099	106	308796	52.246	ug/l	90
70) Styrene	10.115	104	507959	53.488	ug/l	96
71) Bromoform	10.292	173	146130	51.531	ug/l #	100
73) Isopropylbenzene	10.484	105	800292	56.369	ug/l	96
74) N-amyl acetate	10.320	43	404973	53.895	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	314935	52.367	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	349273	51.698	ug/l	97
77) Bromobenzene	10.780	156	186959	53.949	ug/l	86
78) n-propylbenzene	10.906	91	919348	53.291	ug/l	97
79) 2-Chlorotoluene	10.986	91	560191	52.706	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	670134	54.067	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.546	75	92747	50.696	ug/l	97
82) 4-Chlorotoluene	11.095	91	633832	53.023	ug/l	93
83) tert-Butylbenzene	11.420	119	666146	54.643	ug/l	94
84) 1,2,4-Trimethylbenzene	11.468	105	672639	55.241	ug/l	94
85) sec-Butylbenzene	11.642	105	812518	53.011	ug/l	96
86) p-Isopropyltoluene	11.793	119	663309	53.513	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	335132	50.584	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	338604	50.848	ug/l	96
89) n-Butylbenzene	12.208	91	580394	50.583	ug/l	98
90) Hexachloroethane	12.475	117	119261	48.306	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	347114	52.143	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	80244	52.036	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	221785	49.656	ug/l	98
94) Hexachlorobutadiene	14.021	225	95240	46.121	ug/l	99
95) Naphthalene	14.086	128	857013	54.754	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	232368	50.579	ug/l	97

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

