

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049473.D
 Acq On : 28 Jun 2022 21:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 29 05:23:03 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	254382	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	467244	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	429005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	201001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	205144	52.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.720%	
35) Dibromofluoromethane	5.288	113	165675	50.681	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.360%	
50) Toluene-d8	7.896	98	588156	50.444	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	10.632	95	221868	49.675	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.360%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.382	85	167564	40.992	ug/l	99
3) Chloromethane	1.520	50	217182	43.343	ug/l	99
4) Vinyl Chloride	1.600	62	185823	45.153	ug/l	98
5) Bromomethane	1.851	94	74087	57.895	ug/l	97
6) Chloroethane	1.922	64	91373	48.201	ug/l	96
7) Trichlorofluoromethane	2.131	101	222277	42.379	ug/l	97
8) Diethyl Ether	2.375	74	103091	54.413	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.575	101	126850	44.951	ug/l	97
10) Methyl Iodide	2.716	142	186696	64.718	ug/l	96
11) Tert butyl alcohol	3.202	59	311460	339.665	ug/l	# 53
12) 1,1-Dichloroethene	2.575	96	139461	50.476	ug/l	92
13) Acrolein	2.485	56	122439	197.172	ug/l	100
14) Allyl chloride	2.919	41	288504	51.667	ug/l	# 86
15) Acrylonitrile	3.314	53	623424	282.687	ug/l	100
16) Acetone	2.633	43	511622	258.965	ug/l	100
17) Carbon Disulfide	2.787	76	400044	46.428	ug/l	99
18) Methyl Acetate	2.948	43	284561	53.208	ug/l	94
19) Methyl tert-butyl Ether	3.362	73	570552	55.523	ug/l	97
20) Methylene Chloride	3.041	84	187589	57.146	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	155316	52.147	ug/l	94
22) Diisopropyl ether	3.989	45	571748	53.629	ug/l	# 79
23) Vinyl Acetate	3.954	43	2587199	276.870	ug/l	95
24) 1,1-Dichloroethane	3.867	63	318736	52.048	ug/l	98
25) 2-Butanone	4.703	43	841332	284.158	ug/l	96
26) 2,2-Dichloropropane	4.665	77	185883	36.470	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	190286	55.296	ug/l	95
28) Bromochloromethane	4.970	49	141550	52.880	ug/l	# 80
29) Tetrahydrofuran	5.051	42	559770	275.595	ug/l	89
30) Chloroform	5.089	83	312300	51.554	ug/l	100
31) Cyclohexane	5.385	56	256893	43.671	ug/l	91
32) 1,1,1-Trichloroethane	5.314	97	258087	49.103	ug/l	99
36) 1,1-Dichloropropene	5.523	75	208600	44.009	ug/l	98
37) Ethyl Acetate	4.803	43	319484	49.326	ug/l	# 95
38) Carbon Tetrachloride	5.523	117	216018	43.456	ug/l	100
39) Methylcyclohexane	6.761	83	236869	41.691	ug/l	92
40) Benzene	5.774	78	694431	48.526	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	164660	50.735	ug/l	89
42) 1,2-Dichloroethane	5.793	62	249869	46.914	ug/l	100
43) Isopropyl Acetate	5.909	43	480691	50.649	ug/l	97
44) Trichloroethene	6.542	130	165184	48.556	ug/l	90
45) 1,2-Dichloropropane	6.790	63	192151	48.458	ug/l	100
46) Dibromomethane	6.919	93	131532	49.752	ug/l	92
47) Bromodichloromethane	7.105	83	244780	48.105	ug/l	98
48) Methyl methacrylate	6.960	41	229780	51.663	ug/l	88
49) 1,4-Dioxane	6.993	88	128448	1127.260	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	1581100	248.929	ug/l	97
52) Toluene	7.970	92	416843	49.008	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	264762	48.507	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	289957	49.753	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	180648	51.369	ug/l	98
56) Ethyl methacrylate	8.333	69	318314	54.118	ug/l	94
57) 1,3-Dichloropropane	8.574	76	307712	49.326	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	191391	408.547	ug/l	95
59) 2-Hexanone	8.684	43	1243695	248.997	ug/l	96
60) Dibromochloromethane	8.809	129	188206	51.464	ug/l	99
61) 1,2-Dibromoethane	8.922	107	194021	50.627	ug/l	99
64) Tetrachloroethene	8.552	164	124935	45.404	ug/l	94
65) Chlorobenzene	9.446	112	430680	49.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	168087	50.804	ug/l	99
67) Ethyl Benzene	9.568	91	785462	48.783	ug/l	96
68) m/p-Xylenes	9.693	106	589007	98.868	ug/l	91
69) o-Xylene	10.099	106	297656	50.328	ug/l	89
70) Styrene	10.115	104	494259	52.011	ug/l	96
71) Bromoform	10.291	173	147686	52.046	ug/l	99
73) Isopropylbenzene	10.481	105	748517	52.276	ug/l	96
74) N-amyl acetate	10.320	43	410901	54.221	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	319069	52.605	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	355358	52.153	ug/l	96
77) Bromobenzene	10.780	156	186637	53.400	ug/l	86
78) n-propylbenzene	10.906	91	857826	49.304	ug/l	97
79) 2-Chlorotoluene	10.986	91	541533	50.519	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	638832	51.105	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	90003	48.779	ug/l	96
82) 4-Chlorotoluene	11.095	91	611345	50.709	ug/l	93
83) tert-Butylbenzene	11.420	119	625728	50.893	ug/l	95
84) 1,2,4-Trimethylbenzene	11.465	105	642830	52.346	ug/l	94
85) sec-Butylbenzene	11.642	105	733718	47.465	ug/l	97
86) p-Isopropyltoluene	11.793	119	610570	48.842	ug/l	97
87) 1,3-Dichlorobenzene	11.745	146	331955	49.680	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	330651	49.233	ug/l	96
89) n-Butylbenzene	12.208	91	525519	45.412	ug/l	98
90) Hexachloroethane	12.475	117	115061	46.210	ug/l	85
91) 1,2-Dichlorobenzene	12.211	146	345576	51.472	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	81749	52.563	ug/l	85
93) 1,2,4-Trichlorobenzene	13.838	180	218772	48.606	ug/l	98
94) Hexachlorobutadiene	14.021	225	82374	39.553	ug/l	99
95) Naphthalene	14.086	128	881841	55.828	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	231366	49.950	ug/l	97

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

