

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049423.D
 Acq On : 27 Jun 2022 23:55
 Operator : SY/MD
 Sample : VU0627WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBSD02

Quant Time: Jun 28 05:31:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	259466	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	454342	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	403559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	191998	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	194357	48.639	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.280%
35) Dibromofluoromethane	5.289	113	155632	48.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	7.896	98	560935	49.476	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.960%
62) 4-Bromofluorobenzene	10.632	95	208477	48.003	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	74197	17.796	ug/l	100
3) Chloromethane	1.523	50	89700	17.068	ug/l	95
4) Vinyl Chloride	1.604	62	77026	18.350	ug/l	100
5) Bromomethane	1.848	94	30156	23.103	ug/l	99
6) Chloroethane	1.925	64	43227	23.383	ug/l	100
7) Trichlorofluoromethane	2.134	101	92984	17.381	ug/l	96
8) Diethyl Ether	2.375	74	40328	20.869	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.578	101	57120	19.845	ug/l	95
10) Methyl Iodide	2.720	142	69236	28.312	ug/l	95
11) Tert butyl alcohol	3.195	59	120018	128.322	ug/l	# 52
12) 1,1-Dichloroethene	2.578	96	56990	20.223	ug/l	93
13) Acrolein	2.485	56	50496	79.724	ug/l	97
14) Allyl chloride	2.922	41	108707	19.086	ug/l	# 87
15) Acrylonitrile	3.314	53	236804	105.273	ug/l	99
16) Acetone	2.629	43	190854	94.711	ug/l	100
17) Carbon Disulfide	2.790	76	160521	18.265	ug/l	100
18) Methyl Acetate	2.948	43	108381	19.868	ug/l	94
19) Methyl tert-butyl Ether	3.363	73	215494	20.560	ug/l	97
20) Methylene Chloride	3.044	84	73485	21.483	ug/l	92
21) trans-1,2-Dichloroethene	3.353	96	59919	19.724	ug/l	91
22) Diisopropyl ether	3.993	45	218477	20.091	ug/l	# 79
23) Vinyl Acetate	3.954	43	960666	100.792	ug/l	94
24) 1,1-Dichloroethane	3.867	63	121137	19.393	ug/l	97
25) 2-Butanone	4.703	43	314128	104.017	ug/l	96
26) 2,2-Dichloropropane	4.665	77	75270	14.478	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	72385	20.622	ug/l	94
28) Bromochloromethane	4.973	49	54423	19.933	ug/l	# 78
29) Tetrahydrofuran	5.054	42	211810	102.239	ug/l	88
30) Chloroform	5.089	83	119103	19.276	ug/l	99
31) Cyclohexane	5.385	56	115568	19.261	ug/l	92
32) 1,1,1-Trichloroethane	5.317	97	103413	19.289	ug/l	98
36) 1,1-Dichloropropene	5.526	75	85872	18.631	ug/l	97
37) Ethyl Acetate	4.803	43	118912	18.880	ug/l	95
38) Carbon Tetrachloride	5.523	117	86662	17.929	ug/l	99
39) Methylcyclohexane	6.761	83	103043	18.652	ug/l	91
40) Benzene	5.774	78	266538	19.154	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	61394	19.454	ug/l #	88
42) 1,2-Dichloroethane	5.793	62	94329	18.213	ug/l	100
43) Isopropyl Acetate	5.909	43	176868	19.165	ug/l	96
44) Trichloroethene	6.543	130	63419	19.171	ug/l	89
45) 1,2-Dichloropropane	6.790	63	73014	18.936	ug/l	100
46) Dibromomethane	6.919	93	48950	19.041	ug/l	91
47) Bromodichloromethane	7.105	83	91526	18.498	ug/l	99
48) Methyl methacrylate	6.960	41	83680	19.349	ug/l	90
49) 1,4-Dioxane	6.980	88	49254	444.528	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	598204	96.856	ug/l	95
52) Toluene	7.967	92	160554	19.412	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	94831	17.867	ug/l	96
54) cis-1,3-Dichloropropene	7.607	75	107964	19.051	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	68413	20.006	ug/l	98
56) Ethyl methacrylate	8.333	69	117357	20.519	ug/l	94
57) 1,3-Dichloropropane	8.575	76	116761	19.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	50071	119.165	ug/l	93
59) 2-Hexanone	8.684	43	463991	95.532	ug/l	96
60) Dibromochloromethane	8.809	129	67293	18.924	ug/l	98
61) 1,2-Dibromoethane	8.922	107	72804	19.537	ug/l	99
64) Tetrachloroethene	8.552	164	49270	19.035	ug/l	92
65) Chlorobenzene	9.446	112	162088	19.646	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	62128	19.962	ug/l	98
67) Ethyl Benzene	9.568	91	300831	19.862	ug/l	96
68) m/p-Xylenes	9.694	106	223006	39.793	ug/l	90
69) o-Xylene	10.099	106	114889	20.650	ug/l	90
70) Styrene	10.115	104	183001	20.471	ug/l	96
71) Bromoform	10.292	173	51157	19.165	ug/l #	99
73) Isopropylbenzene	10.484	105	293912	21.489	ug/l	95
74) N-amyl acetate	10.320	43	150724	20.822	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.784	83	119771	20.673	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	129642	19.919	ug/l	99
77) Bromobenzene	10.780	156	68792	20.606	ug/l	86
78) n-propylbenzene	10.906	91	338960	20.395	ug/l	96
79) 2-Chlorotoluene	10.986	91	207868	20.301	ug/l	92
80) 1,3,5-Trimethylbenzene	11.089	105	247259	20.708	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	31852	18.072	ug/l	89
82) 4-Chlorotoluene	11.095	91	231551	20.107	ug/l	94
83) tert-Butylbenzene	11.420	119	248201	21.134	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	246156	20.985	ug/l	94
85) sec-Butylbenzene	11.642	105	300731	20.367	ug/l	97
86) p-Isopropyltoluene	11.793	119	246436	20.638	ug/l	95
87) 1,3-Dichlorobenzene	11.745	146	124767	19.548	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	124384	19.389	ug/l	96
89) n-Butylbenzene	12.208	91	211546	19.138	ug/l	98
90) Hexachloroethane	12.475	117	42878	18.028	ug/l	85
91) 1,2-Dichlorobenzene	12.211	146	129709	20.226	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.996	75	29421	19.804	ug/l	86
93) 1,2,4-Trichlorobenzene	13.838	180	82658	20.286	ug/l	98
94) Hexachlorobutadiene	14.021	225	35397	17.793	ug/l	99
95) Naphthalene	14.086	128	332923	23.115	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	90186	21.080	ug/l	97

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

