

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048746.D
 Acq On : 31 May 2022 18:18
 Operator : SY/MD
 Sample : VU0531WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD01

Quant Time: Jun 01 02:19:59 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	255931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	432694	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	385881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	217977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	192722	50.141	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.280%	
35) Dibromofluoromethane	5.292	113	151631	49.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.240%	
50) Toluene-d8	7.899	98	545133	49.264	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.520%	
62) 4-Bromofluorobenzene	10.632	95	212984	50.894	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	53336	18.204	ug/l	95
3) Chloromethane	1.527	50	62686	16.620	ug/l	98
4) Vinyl Chloride	1.601	62	67643	19.364	ug/l	98
5) Bromomethane	1.851	94	26680	10.214	ug/l	98
6) Chloroethane	1.929	64	43139	21.057	ug/l	98
7) Trichlorofluoromethane	2.134	101	91262	18.293	ug/l	99
8) Diethyl Ether	2.375	74	34606	18.797	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.578	101	50955	18.658	ug/l	97
10) Methyl Iodide	2.720	142	20550	7.766	ug/l	99
11) Tert butyl alcohol	3.179	59	97574	100.132	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	49705	19.082	ug/l	95
13) Acrolein	2.485	56	18314	53.371	ug/l	92
14) Allyl chloride	2.922	41	103807	20.575	ug/l	97
15) Acrylonitrile	3.311	53	231444	109.511	ug/l	99
16) Acetone	2.623	43	192013	98.026	ug/l	99
17) Carbon Disulfide	2.790	76	139036	18.284	ug/l	99
18) Methyl Acetate	2.948	43	111908	22.755	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	204786	20.720	ug/l	96
20) Methylene Chloride	3.044	84	67518	20.270	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	55894	18.759	ug/l	93
22) Diisopropyl ether	3.993	45	210553	22.624	ug/l	95
23) Vinyl Acetate	3.954	43	881422	109.314	ug/l	97
24) 1,1-Dichloroethane	3.871	63	119422	20.432	ug/l	99
25) 2-Butanone	4.700	43	314940	111.920	ug/l	99
26) 2,2-Dichloropropane	4.665	77	89765	17.118	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	67438	19.553	ug/l	99
28) Bromochloromethane	4.973	49	51496	22.462	ug/l	97
29) Tetrahydrofuran	5.051	42	203186	114.632	ug/l	97
30) Chloroform	5.089	83	116122	19.856	ug/l	100
31) Cyclohexane	5.388	56	99051	20.449	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	99782	18.806	ug/l	99
36) 1,1-Dichloropropene	5.526	75	81671	18.128	ug/l	98
37) Ethyl Acetate	4.803	43	112854	19.814	ug/l	99
38) Carbon Tetrachloride	5.526	117	87922	17.010	ug/l	96
39) Methylcyclohexane	6.764	83	84692	17.928	ug/l	98
40) Benzene	5.777	78	249306	18.743	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	60277	20.943	ug/l	99
42) 1,2-Dichloroethane	5.797	62	96770	18.586	ug/l	100
43) Isopropyl Acetate	5.912	43	165234	19.988	ug/l	99
44) Trichloroethene	6.543	130	62727	18.305	ug/l	99
45) 1,2-Dichloropropane	6.793	63	68179	20.361	ug/l	99
46) Dibromomethane	6.919	93	46710	18.671	ug/l	97
47) Bromodichloromethane	7.105	83	95665	18.909	ug/l	98
48) Methyl methacrylate	6.960	41	76309	20.563	ug/l	99
49) 1,4-Dioxane	6.960	88	30368	366.063	ug/l	94
51) 4-Methyl-2-Pentanone	7.790	43	592331	110.351	ug/l	99
52) Toluene	7.970	92	157567	19.805	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	101052	18.516	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	106144	18.769	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	66157	18.841	ug/l	98
56) Ethyl methacrylate	8.333	69	103661	20.319	ug/l	97
57) 1,3-Dichloropropane	8.575	76	111913	18.937	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	93174	95.185	ug/l	96
59) 2-Hexanone	8.684	43	440735	100.014	ug/l	99
60) Dibromochloromethane	8.809	129	71426	18.147	ug/l	100
61) 1,2-Dibromoethane	8.925	107	68456	17.703	ug/l	98
64) Tetrachloroethene	8.552	164	49821	17.881	ug/l	95
65) Chlorobenzene	9.449	112	162337	19.891	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	61860	19.968	ug/l	100
67) Ethyl Benzene	9.571	91	285112	20.713	ug/l	97
68) m/p-Xylenes	9.694	106	220839	41.020	ug/l	100
69) o-Xylene	10.102	106	108750	20.561	ug/l	100
70) Styrene	10.115	104	183219	21.060	ug/l	100
71) Bromoform	10.292	173	56889	19.862	ug/l #	99
73) Isopropylbenzene	10.484	105	287762	20.449	ug/l	99
74) N-amyl acetate	10.320	43	134719	20.443	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.784	83	119385	20.789	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	134214	19.097	ug/l	99
77) Bromobenzene	10.784	156	75268	19.916	ug/l	96
78) n-propylbenzene	10.906	91	352866	21.043	ug/l	99
79) 2-Chlorotoluene	10.986	91	209435	20.084	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	251411	20.544	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	33958	17.543	ug/l	98
82) 4-Chlorotoluene	11.095	91	250462	20.817	ug/l	99
83) tert-Butylbenzene	11.420	119	245582	20.909	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	254020	19.990	ug/l	99
85) sec-Butylbenzene	11.645	105	306608	20.866	ug/l	99
86) p-Isopropyltoluene	11.793	119	262057	20.768	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	142491	19.230	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	145106	18.955	ug/l	99
89) n-Butylbenzene	12.211	91	230938	19.670	ug/l	100
90) Hexachloroethane	12.475	117	44522	17.288	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	144398	19.290	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	31039	18.772	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	93295	18.993	ug/l	95
94) Hexachlorobutadiene	14.021	225	37572	15.958	ug/l	98
95) Naphthalene	14.089	128	302244	19.256	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	91207	18.747	ug/l	97

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

