

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
 Data File : VU048874.D
 Acq On : 03 Jun 2022 21:47
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 04 04:43:12 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	193265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.246	114	322620	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	302024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	162885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	152592	52.573	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.140%
35) Dibromofluoromethane	5.285	113	115056	49.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.980%
50) Toluene-d8	7.896	98	401899	48.712	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	10.632	95	157621	50.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.020%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	103914	46.968	ug/l	98
3) Chloromethane	1.520	50	140741	49.415	ug/l	99
4) Vinyl Chloride	1.604	62	136133	51.606	ug/l	98
5) Bromomethane	1.829	94	60325	40.246	ug/l	97
6) Chloroethane	1.915	64	79273	54.978	ug/l	97
7) Trichlorofluoromethane	2.128	101	184573	48.992	ug/l	99
8) Diethyl Ether	2.372	74	74189	53.363	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.575	101	101362	49.151	ug/l	100
10) Methyl Iodide	2.716	142	149520	48.882	ug/l	99
11) Tert butyl alcohol	3.186	59	232366	315.776	ug/l #	41
12) 1,1-Dichloroethene	2.575	96	97250	49.440	ug/l	99
13) Acrolein	2.481	56	53532	218.999	ug/l	98
14) Allyl chloride	2.919	41	203682	53.462	ug/l	96
15) Acrylonitrile	3.308	53	470217	294.633	ug/l	100
16) Acetone	2.623	43	405449	274.105	ug/l	99
17) Carbon Disulfide	2.787	76	236333	41.157	ug/l	99
18) Methyl Acetate	2.944	43	257512	69.339	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	413558	55.410	ug/l	99
20) Methylene Chloride	3.041	84	128925	51.255	ug/l	99
21) trans-1,2-Dichloroethene	3.349	96	106947	47.531	ug/l	96
22) Diisopropyl ether	3.989	45	419408	59.679	ug/l	96
23) Vinyl Acetate	3.951	43	1756776	288.521	ug/l	99
24) 1,1-Dichloroethane	3.867	63	236463	53.574	ug/l	100
25) 2-Butanone	4.697	43	652089	306.870	ug/l	100
26) 2,2-Dichloropropane	4.661	77	160035	40.415	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	133517	51.265	ug/l	99
28) Bromochloromethane	4.970	49	104380	60.292	ug/l	96
29) Tetrahydrofuran	5.047	42	410359	306.581	ug/l	97
30) Chloroform	5.086	83	240506	54.458	ug/l	98
31) Cyclohexane	5.385	56	181620	49.653	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	205225	51.220	ug/l	99
36) 1,1-Dichloropropene	5.523	75	154128	45.882	ug/l	99
37) Ethyl Acetate	4.800	43	226279	53.284	ug/l	99
38) Carbon Tetrachloride	5.523	117	176146	45.706	ug/l	95
39) Methylcyclohexane	6.761	83	172533	48.984	ug/l	98
40) Benzene	5.774	78	493933	49.805	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	125515	58.488	ug/l	99
42) 1,2-Dichloroethane	5.793	62	198091	51.026	ug/l	99
43) Isopropyl Acetate	5.909	43	339602	55.097	ug/l	99
44) Trichloroethene	6.539	130	117521	45.996	ug/l	100
45) 1,2-Dichloropropane	6.790	63	143546	57.494	ug/l	99
46) Dibromomethane	6.915	93	94628	50.730	ug/l	98
47) Bromodichloromethane	7.105	83	192561	51.047	ug/l	99
48) Methyl methacrylate	6.957	41	164616	59.493	ug/l	99
49) 1,4-Dioxane	6.963	88	87923	1421.449	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	1265757	316.266	ug/l	99
52) Toluene	7.967	92	305517	51.503	ug/l	100
53) t-1,3-Dichloropropene	8.208	75	198924	48.886	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	211475	50.153	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	136566	52.163	ug/l	99
56) Ethyl methacrylate	8.333	69	218031	52.561	ug/l	98
57) 1,3-Dichloropropane	8.574	76	232638	52.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	193943	212.411	ug/l	96
59) 2-Hexanone	8.684	43	1025355	312.067	ug/l	99
60) Dibromochloromethane	8.809	129	148814	50.709	ug/l	99
61) 1,2-Dibromoethane	8.922	107	141917	49.222	ug/l	100
64) Tetrachloroethene	8.552	164	98987	47.135	ug/l	97
65) Chlorobenzene	9.446	112	326138	51.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	133714	55.147	ug/l	97
67) Ethyl Benzene	9.568	91	556516	51.655	ug/l	99
68) m/p-Xylenes	9.693	106	452180	107.311	ug/l	98
69) o-Xylene	10.098	106	227980	55.070	ug/l	97
70) Styrene	10.115	104	383767	56.359	ug/l	100
71) Bromoform	10.291	173	122931	54.835	ug/l #	98
73) Isopropylbenzene	10.484	105	591433	56.242	ug/l	99
74) N-amyl acetate	10.320	43	296530	55.418	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	267578	62.353	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	295981	56.358	ug/l	97
77) Bromobenzene	10.780	156	151035	53.480	ug/l	99
78) n-propylbenzene	10.905	91	678113	54.117	ug/l	100
79) 2-Chlorotoluene	10.986	91	423078	54.294	ug/l	100
80) 1,3,5-Trimethylbenzene	11.086	105	525635	57.479	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	71301	49.294	ug/l	96
82) 4-Chlorotoluene	11.095	91	488218	54.303	ug/l	100
83) tert-Butylbenzene	11.420	119	525380	59.859	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	523281	53.021	ug/l	100
85) sec-Butylbenzene	11.642	105	640422	58.325	ug/l	99
86) p-Isopropyltoluene	11.793	119	535691	56.811	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	275970	49.840	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	277518	48.512	ug/l	99
89) n-Butylbenzene	12.208	91	447575	47.534	ug/l	99
90) Hexachloroethane	12.475	117	103418	53.741	ug/l	96
91) 1,2-Dichlorobenzene	12.211	146	299754	53.588	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.995	75	66800	54.063	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	163892	44.650	ug/l	99
94) Hexachlorobutadiene	14.021	225	89779	51.028	ug/l	99
95) Naphthalene	14.085	128	534534	42.112	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	172538	47.458	ug/l	100

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

