

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048709.D
 Acq On : 27 May 2022 21:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: May 28 00:26:43 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	257054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	439314	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	420984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	222097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	195962	50.761	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.520%
35) Dibromofluoromethane	5.289	113	155345	49.565	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.140%
50) Toluene-d8	7.896	98	580335	51.655	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.300%
62) 4-Bromofluorobenzene	10.633	95	226714	53.358	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	142562	48.446	ug/l	100
3) Chloromethane	1.524	50	180588	47.671	ug/l	97
4) Vinyl Chloride	1.604	62	179892	51.272	ug/l	98
5) Bromomethane	1.845	94	99535	51.091	ug/l	99
6) Chloroethane	1.929	64	101845	53.015	ug/l	99
7) Trichlorofluoromethane	2.135	101	238305	47.557	ug/l	100
8) Diethyl Ether	2.376	74	95926	51.876	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.578	101	134906	49.183	ug/l	99
10) Methyl Iodide	2.723	142	177707	44.000	ug/l	97
11) Tert butyl alcohol	3.173	59	264851	270.606	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	134434	51.384	ug/l	98
13) Acrolein	2.485	56	56512	172.928	ug/l	99
14) Allyl chloride	2.922	41	261839	51.672	ug/l	98
15) Acrylonitrile	3.308	53	596499	281.010	ug/l	99
16) Acetone	2.620	43	502552	255.441	ug/l	100
17) Carbon Disulfide	2.790	76	359614	47.085	ug/l	99
18) Methyl Acetate	2.945	43	295345	59.791	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	535692	53.963	ug/l	100
20) Methylene Chloride	3.045	84	172869	51.671	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	146857	49.071	ug/l	93
22) Diisopropyl ether	3.990	45	516742	55.282	ug/l	98
23) Vinyl Acetate	3.954	43	2285818	282.248	ug/l	100
24) 1,1-Dichloroethane	3.871	63	304595	51.885	ug/l	100
25) 2-Butanone	4.697	43	775297	274.312	ug/l	100
26) 2,2-Dichloropropane	4.665	77	200059	37.985	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	170755	49.294	ug/l	98
28) Bromochloromethane	4.974	49	118990	51.675	ug/l	98
29) Tetrahydrofuran	5.048	42	492889	276.859	ug/l	100
30) Chloroform	5.089	83	289743	49.326	ug/l	99
31) Cyclohexane	5.388	56	240435	49.421	ug/l	99
32) 1,1,1-Trichloroethane	5.318	97	260832	48.944	ug/l	99
36) 1,1-Dichloropropene	5.527	75	209347	45.766	ug/l	100
37) Ethyl Acetate	4.800	43	281767	48.726	ug/l	99
38) Carbon Tetrachloride	5.527	117	226148	43.093	ug/l	98
39) Methylcyclohexane	6.761	83	238520	49.731	ug/l	98
40) Benzene	5.774	78	620442	45.943	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	150958	51.659	ug/l	99
42) 1,2-Dichloroethane	5.794	62	235602	44.568	ug/l	99
43) Isopropyl Acetate	5.909	43	418747	49.892	ug/l	100
44) Trichloroethene	6.543	130	163192	46.905	ug/l	100
45) 1,2-Dichloropropane	6.790	63	178295	52.443	ug/l	99
46) Dibromomethane	6.919	93	123094	48.462	ug/l	98
47) Bromodichloromethane	7.105	83	243058	47.319	ug/l	99
48) Methyl methacrylate	6.958	41	204833	54.364	ug/l	99
49) 1,4-Dioxane	6.961	88	92868	1102.582	ug/l	99
51) 4-Methyl-2-Pentanone	7.790	43	1499318	275.113	ug/l	100
52) Toluene	7.970	92	407511	50.449	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	266761	48.143	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	283243	49.330	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	171947	48.232	ug/l	98
56) Ethyl methacrylate	8.334	69	283390	50.289	ug/l	99
57) 1,3-Dichloropropane	8.575	76	296778	49.462	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	248110	201.356	ug/l	100
59) 2-Hexanone	8.681	43	1201863	268.624	ug/l	100
60) Dibromochloromethane	8.810	129	191541	47.931	ug/l	100
61) 1,2-Dibromoethane	8.922	107	186756	47.568	ug/l	99
64) Tetrachloroethene	8.552	164	135624	46.312	ug/l	98
65) Chlorobenzene	9.446	112	439375	49.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	168123	49.745	ug/l	98
67) Ethyl Benzene	9.572	91	781118	52.015	ug/l	100
68) m/p-Xylenes	9.694	106	606962	103.341	ug/l	99
69) o-Xylene	10.099	106	299027	51.821	ug/l	98
70) Styrene	10.115	104	505686	53.279	ug/l	99
71) Bromoform	10.292	173	157084	50.270	ug/l #	99
73) Isopropylbenzene	10.485	105	785458	54.780	ug/l	99
74) N-amyl acetate	10.318	43	367892	50.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.781	83	309502	52.894	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	361882	50.535	ug/l	98
77) Bromobenzene	10.781	156	198108	51.446	ug/l	99
78) n-propylbenzene	10.906	91	937987	54.900	ug/l	99
79) 2-Chlorotoluene	10.986	91	562230	52.916	ug/l	99
80) 1,3,5-Trimethylbenzene	11.086	105	688466	55.213	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	95025	48.181	ug/l	98
82) 4-Chlorotoluene	11.096	91	657153	53.606	ug/l	100
83) tert-Butylbenzene	11.420	119	666595	55.701	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	697628	51.868	ug/l	100
85) sec-Butylbenzene	11.642	105	808778	54.020	ug/l	99
86) p-Isopropyltoluene	11.793	119	708056	55.071	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	373564	49.479	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	383483	49.164	ug/l	98
89) n-Butylbenzene	12.208	91	629890	48.991	ug/l	98
90) Hexachloroethane	12.475	117	125293	47.750	ug/l	100
91) 1,2-Dichlorobenzene	12.211	146	382177	50.108	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	84213	49.985	ug/l	97
93) 1,2,4-Trichlorobenzene	13.838	180	254741	50.898	ug/l	99
94) Hexachlorobutadiene	14.022	225	106414	44.358	ug/l	99
95) Naphthalene	14.086	128	879556	50.296	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	244353	49.293	ug/l	100

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

