

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054354.D
 Acq On : 31 May 2023 22:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 01 06:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	211485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	357682	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	340446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	184048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	146038	52.677	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.360%			
35) Dibromofluoromethane	5.282	113	119294	51.791	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.580%			
50) Toluene-d8	7.893	98	444731	50.760	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.520%			
62) 4-Bromofluorobenzene	10.626	95	168188	49.508	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	119503	50.618	ug/l	99
3) Chloromethane	1.520	50	156397	50.592	ug/l	98
4) Vinyl Chloride	1.604	62	157808	53.503	ug/l	98
5) Bromomethane	1.848	94	73582	45.067	ug/l	98
6) Chloroethane	1.925	64	94885	66.707	ug/l	94
7) Trichlorofluoromethane	2.131	101	198034	48.803	ug/l	98
8) Diethyl Ether	2.372	74	80914	53.863	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.575	101	110283	50.197	ug/l	97
10) Methyl Iodide	2.720	142	141853	53.718	ug/l	96
11) Tert butyl alcohol	3.192	59	195276	260.761	ug/l #	53
12) 1,1-Dichloroethene	2.575	96	111782	49.139	ug/l	97
13) Acrolein	2.482	56	165630	212.603	ug/l	99
14) Allyl chloride	2.919	41	201003	50.961	ug/l	86
15) Acrylonitrile	3.308	53	445656	265.425	ug/l	99
16) Acetone	2.623	43	351311	221.070	ug/l	96
17) Carbon Disulfide	2.790	76	316516	47.080	ug/l	100
18) Methyl Acetate	2.941	43	315432	54.362	ug/l	95
19) Methyl tert-butyl Ether	3.356	73	384287	51.607	ug/l	98
20) Methylene Chloride	3.041	84	139050	48.502	ug/l	93
21) trans-1,2-Dichloroethene	3.346	96	123925	50.883	ug/l	97
22) Diisopropyl ether	3.983	45	384407	54.987	ug/l #	80
23) Vinyl Acetate	3.948	43	1422491	278.855	ug/l	97
24) 1,1-Dichloroethane	3.861	63	233952	52.263	ug/l	99
25) 2-Butanone	4.694	43	556489	264.488	ug/l	98
26) 2,2-Dichloropropane	4.658	77	158341	40.476	ug/l	100
27) cis-1,2-Dichloroethene	4.662	96	137644	50.804	ug/l	95
28) Bromochloromethane	4.967	49	122430	59.103	ug/l	85
29) Tetrahydrofuran	5.044	42	365077	276.042	ug/l	92
30) Chloroform	5.083	83	233262	51.262	ug/l	99
31) Cyclohexane	5.382	56	191560	48.934	ug/l	96
32) 1,1,1-Trichloroethane	5.311	97	198868	50.340	ug/l	99
36) 1,1-Dichloropropene	5.520	75	163116	45.086	ug/l	99
37) Ethyl Acetate	4.793	43	207566	47.076	ug/l #	93
38) Carbon Tetrachloride	5.520	117	171435	46.296	ug/l	98
39) Methylcyclohexane	6.758	83	189084	46.143	ug/l	92
40) Benzene	5.768	78	510885	49.506	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.964	41	106974	52.496	ug/l	93
42) 1,2-Dichloroethane	5.787	62	178047	47.495	ug/l	99
43) Isopropyl Acetate	5.903	43	304145	50.009	ug/l	98
44) Trichloroethene	6.536	130	130805	45.344	ug/l	95
45) 1,2-Dichloropropane	6.784	63	138028	51.272	ug/l	100
46) Dibromomethane	6.912	93	96373	48.633	ug/l	95
47) Bromodichloromethane	7.099	83	183031	49.389	ug/l	99
48) Methyl methacrylate	6.954	41	140385	52.051	ug/l	93
49) 1,4-Dioxane	6.973	88	85221	1094.499	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	1050316	258.788	ug/l	100
52) Toluene	7.964	92	317501	48.252	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	201447	47.513	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	213563	48.266	ug/l	98
55) 1,1,2-Trichloroethane	8.395	97	134704	49.397	ug/l	96
56) Ethyl methacrylate	8.327	69	207769	51.185	ug/l	95
57) 1,3-Dichloropropane	8.568	76	231883	49.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.456	63	89772	344.943	ug/l	98
59) 2-Hexanone	8.677	43	817843	255.090	ug/l	99
60) Dibromochloromethane	8.803	129	137966	49.797	ug/l	100
61) 1,2-Dibromoethane	8.919	107	146356	49.314	ug/l	100
64) Tetrachloroethene	8.549	164	117545	45.875	ug/l	95
65) Chlorobenzene	9.443	112	335228	47.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.526	131	127519	49.389	ug/l	97
67) Ethyl Benzene	9.565	91	590277	48.511	ug/l	97
68) m/p-Xylenes	9.687	106	455745	98.813	ug/l	93
69) o-Xylene	10.095	106	221305	49.567	ug/l	92
70) Styrene	10.108	104	380276	51.359	ug/l	98
71) Bromoform	10.285	173	110113	49.077	ug/l #	100
73) Isopropylbenzene	10.478	105	573686	50.331	ug/l	97
74) N-amyl acetate	10.314	43	254412	52.566	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	234999	50.952	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	261330	48.650	ug/l	98
77) Bromobenzene	10.777	156	151441	48.383	ug/l	91
78) n-propylbenzene	10.899	91	706708	50.613	ug/l	97
79) 2-Chlorotoluene	10.980	91	416791	49.304	ug/l	95
80) 1,3,5-Trimethylbenzene	11.083	105	496901	51.262	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.539	75	67489	47.843	ug/l	97
82) 4-Chlorotoluene	11.089	91	489268	49.328	ug/l	96
83) tert-Butylbenzene	11.414	119	481121	49.636	ug/l	96
84) 1,2,4-Trimethylbenzene	11.462	105	493495	51.173	ug/l	99
85) sec-Butylbenzene	11.639	105	614822	49.988	ug/l	99
86) p-Isopropyltoluene	11.787	119	507989	49.105	ug/l	98
87) 1,3-Dichlorobenzene	11.738	146	283171	46.723	ug/l	99
88) 1,4-Dichlorobenzene	11.832	146	288702	45.598	ug/l	99
89) n-Butylbenzene	12.201	91	450481	46.261	ug/l	98
90) Hexachloroethane	12.468	117	91092	49.774	ug/l	91
91) 1,2-Dichlorobenzene	12.208	146	284792	47.766	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.989	75	55969	53.210	ug/l	90
93) 1,2,4-Trichlorobenzene	13.835	180	193471	45.843	ug/l	99
94) Hexachlorobutadiene	14.015	225	88848	45.364	ug/l	99
95) Naphthalene	14.079	128	658879	48.465	ug/l	99
96) 1,2,3-Trichlorobenzene	14.324	180	197933	47.261	ug/l	98

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

