

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049499.D
 Acq On : 29 Jun 2022 07:39
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 29 08:04:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	254768	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	445907	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	404728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	196003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	185326	47.234	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.460%
35) Dibromofluoromethane	5.288	113	152771	48.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.940%
50) Toluene-d8	7.896	98	542088	48.718	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	10.632	95	208698	48.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	183048	44.712	ug/l	100
3) Chloromethane	1.520	50	219501	43.746	ug/l	98
4) Vinyl Chloride	1.604	62	193750	47.008	ug/l	99
5) Bromomethane	1.854	94	70718	55.178	ug/l	98
6) Chloroethane	1.925	64	85779	45.301	ug/l	97
7) Trichlorofluoromethane	2.134	101	238509	45.405	ug/l	99
8) Diethyl Ether	2.375	74	96589	50.904	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.578	101	140419	49.684	ug/l	95
10) Methyl Iodide	2.719	142	186169	64.470	ug/l	95
11) Tert butyl alcohol	3.202	59	280822	305.788	ug/l	# 46
12) 1,1-Dichloroethene	2.578	96	141726	51.218	ug/l	93
13) Acrolein	2.488	56	91314	146.826	ug/l	99
14) Allyl chloride	2.922	41	264758	47.343	ug/l	# 86
15) Acrylonitrile	3.314	53	584387	264.584	ug/l	99
16) Acetone	2.633	43	491528	248.417	ug/l	99
17) Carbon Disulfide	2.790	76	390254	45.223	ug/l	100
18) Methyl Acetate	2.948	43	262982	49.098	ug/l	93
19) Methyl tert-butyl Ether	3.362	73	524390	50.953	ug/l	98
20) Methylene Chloride	3.044	84	170068	51.658	ug/l	90
21) trans-1,2-Dichloroethene	3.350	96	150484	50.448	ug/l	92
22) Diisopropyl ether	3.989	45	541384	50.704	ug/l	# 78
23) Vinyl Acetate	3.954	43	2368728	253.106	ug/l	95
24) 1,1-Dichloroethane	3.867	63	302467	49.316	ug/l	98
25) 2-Butanone	4.703	43	782208	263.789	ug/l	95
26) 2,2-Dichloropropane	4.665	77	137532	26.943	ug/l	96
27) cis-1,2-Dichloroethene	4.665	96	178869	51.899	ug/l	96
28) Bromochloromethane	4.973	49	134666	50.232	ug/l	# 77
29) Tetrahydrofuran	5.051	42	520724	255.983	ug/l	89
30) Chloroform	5.089	83	295882	48.769	ug/l	99
31) Cyclohexane	5.388	56	276026	46.853	ug/l	89
32) 1,1,1-Trichloroethane	5.314	97	253454	48.148	ug/l	100
36) 1,1-Dichloropropene	5.526	75	212117	46.892	ug/l	98
37) Ethyl Acetate	4.803	43	295106	47.742	ug/l	# 95
38) Carbon Tetrachloride	5.523	117	219103	46.186	ug/l	98
39) Methylcyclohexane	6.761	83	253893	46.826	ug/l	93
40) Benzene	5.774	78	662725	48.526	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	154508	49.885	ug/l #	89
42) 1,2-Dichloroethane	5.793	62	229811	45.212	ug/l	100
43) Isopropyl Acetate	5.909	43	434848	48.011	ug/l	98
44) Trichloroethene	6.542	130	157675	48.566	ug/l	88
45) 1,2-Dichloropropane	6.790	63	177612	46.935	ug/l	99
46) Dibromomethane	6.919	93	121523	48.166	ug/l	91
47) Bromodichloromethane	7.105	83	225573	46.452	ug/l	99
48) Methyl methacrylate	6.957	41	207053	48.781	ug/l	89
49) 1,4-Dioxane	6.999	88	117907	1084.266	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1469931	242.501	ug/l	97
52) Toluene	7.967	92	395930	48.777	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	232665	44.666	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	255270	45.897	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	167181	49.814	ug/l	98
56) Ethyl methacrylate	8.333	69	285859	50.926	ug/l	92
57) 1,3-Dichloropropane	8.574	76	287815	48.344	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	152921	344.107	ug/l	95
59) 2-Hexanone	8.684	43	1157057	242.736	ug/l	96
60) Dibromochloromethane	8.809	129	170704	48.912	ug/l	99
61) 1,2-Dibromoethane	8.922	107	177668	48.578	ug/l	99
64) Tetrachloroethene	8.552	164	126898	48.884	ug/l	94
65) Chlorobenzene	9.446	112	407287	49.224	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	155507	49.821	ug/l	99
67) Ethyl Benzene	9.568	91	755017	49.705	ug/l	97
68) m/p-Xylenes	9.693	106	562072	100.006	ug/l	90
69) o-Xylene	10.099	106	280561	50.283	ug/l	88
70) Styrene	10.111	104	465551	51.929	ug/l	96
71) Bromoform	10.291	173	134914	50.397	ug/l #	100
73) Isopropylbenzene	10.481	105	733665	52.545	ug/l	96
74) N-amyl acetate	10.320	43	375742	50.846	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	299030	50.559	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	319294	48.055	ug/l	99
77) Bromobenzene	10.780	156	174946	51.332	ug/l	86
78) n-propylbenzene	10.906	91	854761	50.381	ug/l	96
79) 2-Chlorotoluene	10.986	91	516076	49.372	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	622290	51.051	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	73094	40.625	ug/l	94
82) 4-Chlorotoluene	11.095	91	583357	49.621	ug/l	93
83) tert-Butylbenzene	11.420	119	617279	51.486	ug/l	93
84) 1,2,4-Trimethylbenzene	11.465	105	617600	51.574	ug/l	94
85) sec-Butylbenzene	11.642	105	754566	50.058	ug/l	97
86) p-Isopropyltoluene	11.793	119	608279	49.899	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	315051	48.352	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	316983	48.402	ug/l	97
89) n-Butylbenzene	12.208	91	520513	46.127	ug/l	98
90) Hexachloroethane	12.475	117	110742	45.610	ug/l	85
91) 1,2-Dichlorobenzene	12.211	146	325576	49.730	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	73901	48.729	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	201994	46.116	ug/l	97
94) Hexachlorobutadiene	14.018	225	86446	42.566	ug/l	99
95) Naphthalene	14.082	128	743251	48.490	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	206798	45.883	ug/l	97

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ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 28 10:35:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

