

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049605.D
 Acq On : 02 Jul 2022 00:28
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 04 06:55:44 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	206103	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	389035	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	351489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	158849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	175386	55.255	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.500%
35) Dibromofluoromethane	5.289	113	141212	51.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.760%
50) Toluene-d8	7.896	98	486837	50.149	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.300%
62) 4-Bromofluorobenzene	10.632	95	183401	49.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.640%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	135342	40.865	ug/l	100
3) Chloromethane	1.520	50	169897	41.820	ug/l	97
4) Vinyl Chloride	1.601	62	155668	46.686	ug/l	100
5) Bromomethane	1.839	94	61160	58.988	ug/l	98
6) Chloroethane	1.919	64	91725	59.263	ug/l	97
7) Trichlorofluoromethane	2.128	101	189157	44.513	ug/l	98
8) Diethyl Ether	2.376	74	88488	57.646	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.575	101	109283	47.797	ug/l	94
10) Methyl Iodide	2.716	142	170287	71.912	ug/l	96
11) Tert butyl alcohol	3.186	59	267191	359.643	ug/l	# 53
12) 1,1-Dichloroethene	2.575	96	116993	52.263	ug/l	94
13) Acrolein	2.485	56	50887	101.143	ug/l	99
14) Allyl chloride	2.919	41	232375	51.363	ug/l	# 86
15) Acrylonitrile	3.311	53	535780	299.854	ug/l	99
16) Acetone	2.626	43	437774	273.491	ug/l	100
17) Carbon Disulfide	2.787	76	316539	45.342	ug/l	99
18) Methyl Acetate	2.945	43	348596	80.450	ug/l	92
19) Methyl tert-butyl Ether	3.363	73	494025	59.337	ug/l	97
20) Methylene Chloride	3.041	84	155972	58.664	ug/l	92
21) trans-1,2-Dichloroethene	3.350	96	127575	52.867	ug/l	93
22) Diisopropyl ether	3.990	45	486040	56.269	ug/l	# 72
23) Vinyl Acetate	3.951	43	1942302	256.546	ug/l	95
24) 1,1-Dichloroethane	3.867	63	269985	54.414	ug/l	98
25) 2-Butanone	4.700	43	718228	299.404	ug/l	95
26) 2,2-Dichloropropane	4.662	77	110969	26.872	ug/l	96
27) cis-1,2-Dichloroethene	4.665	96	159538	57.220	ug/l	96
28) Bromochloromethane	4.973	49	116219	53.587	ug/l	# 79
29) Tetrahydrofuran	5.047	42	471734	286.656	ug/l	90
30) Chloroform	5.086	83	265639	54.123	ug/l	97
31) Cyclohexane	5.385	56	207430	43.523	ug/l	89
32) 1,1,1-Trichloroethane	5.314	97	220755	51.839	ug/l	99
36) 1,1-Dichloropropene	5.523	75	173385	43.933	ug/l	98
37) Ethyl Acetate	4.800	43	252336	46.791	ug/l	# 94
38) Carbon Tetrachloride	5.523	117	181882	43.944	ug/l	100
39) Methylcyclohexane	6.761	83	182365	38.551	ug/l	92
40) Benzene	5.771	78	583331	48.957	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049605.D
 Acq On : 02 Jul 2022 00:28
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 04 06:55:44 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)
41) Methacrylonitrile	4.970	41	142301	52.661	ug/l	89
42) 1,2-Dichloroethane	5.793	62	214842	48.446	ug/l	100
43) Isopropyl Acetate	5.909	43	397106	50.254	ug/l	97
44) Trichloroethene	6.543	130	133240	47.040	ug/l	90
45) 1,2-Dichloropropane	6.790	63	161862	49.026	ug/l	100
46) Dibromomethane	6.919	93	111256	50.543	ug/l	91
47) Bromodichloromethane	7.105	83	211804	49.992	ug/l	99
48) Methyl methacrylate	6.957	41	195633	52.828	ug/l	88
49) 1,4-Dioxane	6.970	88	102210	1077.321	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1345695	254.459	ug/l	96
52) Toluene	7.970	92	347486	49.067	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	212830	46.831	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	232644	47.944	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	151819	51.850	ug/l	99
56) Ethyl methacrylate	8.333	69	264111	53.930	ug/l	93
57) 1,3-Dichloropropane	8.575	76	264197	50.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	173204	442.952	ug/l	95
59) 2-Hexanone	8.684	43	1052568	253.096	ug/l	96
60) Dibromochloromethane	8.809	129	159579	52.409	ug/l	100
61) 1,2-Dibromoethane	8.922	107	162333	50.874	ug/l	100
64) Tetrachloroethene	8.552	164	104027	46.143	ug/l	94
65) Chlorobenzene	9.446	112	354474	49.330	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	142012	52.388	ug/l	98
67) Ethyl Benzene	9.571	91	646307	48.993	ug/l	96
68) m/p-Xylenes	9.694	106	470928	96.481	ug/l	89
69) o-Xylene	10.099	106	243262	50.202	ug/l	89
70) Styrene	10.115	104	402217	51.660	ug/l	96
71) Bromoform	10.292	173	124314	53.471	ug/l #	98
73) Isopropylbenzene	10.485	105	599262	52.958	ug/l	96
74) N-amyl acetate	10.321	43	305270	50.972	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.784	83	269280	56.178	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	286077	53.126	ug/l	97
77) Bromobenzene	10.780	156	152371	55.165	ug/l	86
78) n-propylbenzene	10.906	91	683422	49.703	ug/l	96
79) 2-Chlorotoluene	10.986	91	434259	51.262	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	512125	51.841	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	68282	46.827	ug/l	95
82) 4-Chlorotoluene	11.095	91	491420	51.578	ug/l	93
83) tert-Butylbenzene	11.420	119	497471	51.198	ug/l	95
84) 1,2,4-Trimethylbenzene	11.468	105	509302	52.478	ug/l	94
85) sec-Butylbenzene	11.642	105	574841	47.055	ug/l	97
86) p-Isopropyltoluene	11.793	119	479221	48.507	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	262106	49.636	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	260965	49.168	ug/l	97
89) n-Butylbenzene	12.208	91	393458	43.023	ug/l	98
90) Hexachloroethane	12.475	117	91390	46.443	ug/l	86
91) 1,2-Dichlorobenzene	12.211	146	278952	52.574	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	71787	58.406	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	176046	49.460	ug/l	98
94) Hexachlorobutadiene	14.021	225	62626	38.050	ug/l	99
95) Naphthalene	14.086	128	734949	58.781	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	188549	51.471	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
Data File : VU049605.D
Acq On : 02 Jul 2022 00:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 04 06:55:44 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)
----------	------	------	----------	------	-------	----------

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

