

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023156.D
 Acq On : 06 Jul 2021 19:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 6:28:03 PM

Quant Time: Jul 07 02:55:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	363459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	587537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	552807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	276216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	257799	52.775	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.540%	
35) Dibromofluoromethane	5.397	113	195564	51.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.080%	
50) Toluene-d8	8.653	98	726317	51.320	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	11.085	95	286797	52.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	169043	51.330	ug/l	98
3) Chloromethane	1.294	50	156004	47.878	ug/l	99
4) Vinyl Chloride	1.374	62	170271	49.330	ug/l	100
5) Bromomethane	1.599	94	76701	42.596	ug/l	96
6) Chloroethane	1.678	64	105699	46.831	ug/l	97
7) Trichlorofluoromethane	1.886	101	289711	48.297	ug/l	98
8) Diethyl Ether	2.142	74	105982	47.869	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	172976	49.276	ug/l	97
10) Methyl Iodide	2.453	142	199360	46.250	ug/l	94
11) Tert butyl alcohol	2.977	59	251869	245.091	ug/l	99
12) 1,1-Dichloroethene	2.319	96	160298	49.476	ug/l	93
13) Acrolein	2.245	56	124587	182.061	ug/l	98
14) Allyl chloride	2.666	41	285217	50.660	ug/l	91
15) Acrylonitrile	3.075	53	495321	247.880	ug/l	97
16) Acetone	2.392	43	451464	233.604	ug/l	92
17) Carbon Disulfide	2.514	76	334191	48.908	ug/l	100
18) Methyl Acetate	2.715	43	229897	49.005	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	619644	51.137	ug/l	99
20) Methylene Chloride	2.794	84	192283	46.211	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	170090	48.610	ug/l	92
22) Diisopropyl ether	3.776	45	591373	49.823	ug/l	94
23) Vinyl Acetate	3.733	43	2567942	255.627	ug/l	96
24) 1,1-Dichloroethane	3.617	63	335960	50.095	ug/l	98
25) 2-Butanone	4.568	43	708348	243.062	ug/l	95
26) 2,2-Dichloropropane	4.483	77	264356	46.965	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	209469	49.424	ug/l	97
28) Bromochloromethane	4.910	49	161290	50.693	ug/l	97
29) Tetrahydrofuran	5.019	42	452295	241.437	ug/l	93
30) Chloroform	5.105	83	366685	50.616	ug/l	100
31) Cyclohexane	5.477	56	278625	47.638	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	327190	51.857	ug/l	99
36) 1,1-Dichloropropene	5.702	75	247947	47.338	ug/l	99
37) Ethyl Acetate	4.727	43	272465	47.686	ug/l	96
38) Carbon Tetrachloride	5.684	117	283214	51.802	ug/l	100
39) Methylcyclohexane	7.385	83	292755	47.789	ug/l	97
40) Benzene	6.050	78	737516	48.499	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023156.D
 Acq On : 06 Jul 2021 19:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 6:28:03 PM

Quant Time: Jul 07 02:55:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	152101	47.618	ug/l	93
42) 1,2-Dichloroethane	6.098	62	302173	49.451	ug/l	95
43) Isopropyl Acetate	6.348	43	460004	48.401	ug/l	94
44) Trichloroethene	7.135	130	205059	47.534	ug/l	98
45) 1,2-Dichloropropane	7.440	63	193671	48.787	ug/l	99
46) Dibromomethane	7.586	93	139814	49.316	ug/l	96
47) Bromodichloromethane	7.830	83	268873	51.944	ug/l	98
48) Methyl methacrylate	7.702	41	226456	48.560	ug/l	89
49) 1,4-Dioxane	7.665	88	102336	975.036	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1435257	243.709	ug/l	93
52) Toluene	8.726	92	481204	48.895	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	295583	45.435	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	312497	46.048	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	203831	49.321	ug/l	98
56) Ethyl methacrylate	9.122	69	324276	50.778	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	331662	48.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	800135	230.585	ug/l	100
59) 2-Hexanone	9.433	43	1101631	243.797	ug/l	90
60) Dibromochloromethane	9.525	129	208526	45.487	ug/l	99
61) 1,2-Dibromoethane	9.616	107	216230	50.978	ug/l	99
64) Tetrachloroethene	9.281	164	204120	46.295	ug/l	96
65) Chlorobenzene	10.085	112	527045	48.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	204534	51.766	ug/l	100
67) Ethyl Benzene	10.195	91	953370	49.351	ug/l	100
68) m/p-Xylenes	10.305	106	733373	99.437	ug/l	98
69) o-Xylene	10.646	106	363233	48.868	ug/l	98
70) Styrene	10.659	104	612438	50.441	ug/l	97
71) Bromoform	10.805	173	150251	45.163	ug/l	98
73) Isopropylbenzene	10.963	105	968119	49.753	ug/l	100
74) N-amyl acetate	10.848	43	403790	48.902	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.219	83	299745	48.484	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	282277m	50.784	ug/l	
77) Bromobenzene	11.201	156	235557	48.485	ug/l	98
78) n-propylbenzene	11.305	91	1111162	49.383	ug/l	100
79) 2-Chlorotoluene	11.366	91	682838	49.102	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	831383	49.622	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	92493	46.803	ug/l	93
82) 4-Chlorotoluene	11.457	91	783651	49.900	ug/l	100
83) tert-Butylbenzene	11.719	119	800689	50.349	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	831493	50.220	ug/l	99
85) sec-Butylbenzene	11.896	105	1018351	49.767	ug/l	99
86) p-Isopropyltoluene	12.012	119	864119	50.342	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	438515	48.067	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	442320	48.151	ug/l	98
89) n-Butylbenzene	12.335	91	748970	49.811	ug/l	98
90) Hexachloroethane	12.542	117	139481	47.652	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	436715	48.120	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	70362	46.580	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	274851	49.165	ug/l	98
94) Hexachlorobutadiene	13.725	225	114213	48.252	ug/l	98
95) Naphthalene	13.780	128	968590	47.048	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	283235	50.375	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
Data File : VX023156.D
Acq On : 06 Jul 2021 19:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/7/2021 6:28:03 PM

Quant Time: Jul 07 02:55:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

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

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

