

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023385.D
 Acq On : 22 Jul 2021 19:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:14:06 PM

Quant Time: Jul 23 06:09:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	213951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	352691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138018	51.714	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.420%			
35) Dibromofluoromethane	5.397	113	111826	50.711	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	8.653	98	412396	50.901	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.800%			
62) 4-Bromofluorobenzene	11.085	95	143490	52.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	106478	54.095	ug/l	100
3) Chloromethane	1.295	50	115157	50.223	ug/l	99
4) Vinyl Chloride	1.374	62	122528	52.790	ug/l	100
5) Bromomethane	1.599	94	68954	50.040	ug/l	95
6) Chloroethane	1.679	64	77676	54.529	ug/l	99
7) Trichlorofluoromethane	1.880	101	196827	52.635	ug/l	97
8) Diethyl Ether	2.136	74	73257	53.077	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	113505	53.577	ug/l	98
10) Methyl Iodide	2.453	142	137140	51.667	ug/l	98
11) Tert butyl alcohol	2.983	59	156104	256.044	ug/l	98
12) 1,1-Dichloroethene	2.319	96	109089	51.892	ug/l	95
13) Acrolein	2.240	56	82286	265.408	ug/l	96
14) Allyl chloride	2.666	41	197972	51.798	ug/l	95
15) Acrylonitrile	3.075	53	367806	267.159	ug/l	98
16) Acetone	2.386	43	323250	246.910	ug/l	92
17) Carbon Disulfide	2.514	76	261053	50.360	ug/l	100
18) Methyl Acetate	2.709	43	166386	53.463	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	391249	53.526	ug/l	97
20) Methylene Chloride	2.794	84	126643	49.731	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	118923	53.252	ug/l	99
22) Diisopropyl ether	3.770	45	407637	54.030	ug/l	94
23) Vinyl Acetate	3.733	43	1826681	274.271	ug/l	96
24) 1,1-Dichloroethane	3.617	63	221933	53.519	ug/l	99
25) 2-Butanone	4.568	43	536756	264.090	ug/l	95
26) 2,2-Dichloropropane	4.483	77	167858	49.492	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	139131	53.646	ug/l	100
28) Bromochloromethane	4.904	49	101984	52.697	ug/l	94
29) Tetrahydrofuran	5.019	42	359882	270.134	ug/l	90
30) Chloroform	5.105	83	226032	53.255	ug/l	98
31) Cyclohexane	5.477	56	202227	51.151	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	199519	55.003	ug/l	98
36) 1,1-Dichloropropene	5.702	75	166712	52.253	ug/l	98
37) Ethyl Acetate	4.727	43	205105	50.987	ug/l	95
38) Carbon Tetrachloride	5.684	117	173071	53.341	ug/l	97
39) Methylcyclohexane	7.385	83	207934	51.606	ug/l	99
40) Benzene	6.044	78	496909	52.530	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023385.D
 Acq On : 22 Jul 2021 19:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:14:06 PM

Quant Time: Jul 23 06:09:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	109747	51.669	ug/l	93
42) 1,2-Dichloroethane	6.092	62	181470	51.883	ug/l	97
43) Isopropyl Acetate	6.349	43	325983	52.296	ug/l	94
44) Trichloroethene	7.129	130	135130	51.998	ug/l	99
45) 1,2-Dichloropropane	7.440	63	131746	52.631	ug/l	99
46) Dibromomethane	7.586	93	90056	53.039	ug/l	99
47) Bromodichloromethane	7.830	83	164412	53.747	ug/l	98
48) Methyl methacrylate	7.696	41	154840	53.636	ug/l	89
49) 1,4-Dioxane	7.665	88	62677	1019.593	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1029295	269.970	ug/l	91
52) Toluene	8.726	92	310500	52.981	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	187453	48.377	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	202485	53.099	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	126370	53.250	ug/l	99
56) Ethyl methacrylate	9.122	69	205793	54.098	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	214570	53.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	516395	256.253	ug/l	98
59) 2-Hexanone	9.433	43	781805	270.033	ug/l	89
60) Dibromochloromethane	9.525	129	126855	48.299	ug/l	99
61) 1,2-Dibromoethane	9.616	107	136817	54.037	ug/l	99
64) Tetrachloroethene	9.281	164	122221	48.770	ug/l	97
65) Chlorobenzene	10.080	112	329650	51.149	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	121733	49.172	ug/l	99
67) Ethyl Benzene	10.195	91	587027	52.518	ug/l	99
68) m/p-Xylenes	10.305	106	445172	103.557	ug/l	98
69) o-Xylene	10.647	106	218993	51.383	ug/l	98
70) Styrene	10.659	104	362447	53.674	ug/l	99
71) Bromoform	10.805	173	88705	46.002	ug/l	100
73) Isopropylbenzene	10.964	105	572709	52.446	ug/l	99
74) N-amyl acetate	10.848	43	264865	53.165	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	185027	52.015	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	172916m	54.298	ug/l	
77) Bromobenzene	11.201	156	140120	53.192	ug/l	94
78) n-propylbenzene	11.305	91	656304	53.104	ug/l	99
79) 2-Chlorotoluene	11.366	91	383327	51.906	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	470395	52.895	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	58743	49.599	ug/l	94
82) 4-Chlorotoluene	11.457	91	433914	51.936	ug/l	99
83) tert-Butylbenzene	11.720	119	467139	53.551	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	468368	52.947	ug/l	99
85) sec-Butylbenzene	11.896	105	590361	52.195	ug/l	99
86) p-Isopropyltoluene	12.012	119	485595	53.164	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	251840	51.676	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	252097	50.980	ug/l	99
89) n-Butylbenzene	12.335	91	431460	52.181	ug/l	97
90) Hexachloroethane	12.543	117	78696	48.179	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	246035	52.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40738	47.324	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	156616	52.826	ug/l	99
94) Hexachlorobutadiene	13.725	225	66262	49.803	ug/l	100
95) Naphthalene	13.780	128	562845	55.217	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	159456	53.262	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
Data File : VX023385.D
Acq On : 22 Jul 2021 19:47
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:14:06 PM

Quant Time: Jul 23 06:09:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

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

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

