

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030521\
 Data File : VX020991.D
 Acq On : 03 Mar 2021 11:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:16:08 PM

Quant Time: Mar 04 01:01:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	227711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	376713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	335446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	159992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	144351	46.93	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.86%
35) Dibromofluoromethane	5.464	113	117706	51.43	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.86%
50) Toluene-d8	8.694	98	455413	51.03	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.06%
62) 4-Bromofluorobenzene	11.118	95	156797	47.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.04%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	112457	45.67	ug/l	97
3) Chloromethane	1.311	50	128934	47.13	ug/l	99
4) Vinyl Chloride	1.393	62	149559	47.49	ug/l	99
5) Bromomethane	1.628	94	56749	54.51	ug/l	95
6) Chloroethane	1.705	64	95044	48.23	ug/l	100
7) Trichlorofluoromethane	1.917	101	192372	48.38	ug/l	95
8) Diethyl Ether	2.170	74	90085	48.83	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.364	101	118197	48.26	ug/l	98
10) Methyl Iodide	2.493	142	149617	45.46	ug/l	99
11) Tert butyl alcohol	3.011	59	134276	196.04	ug/l	99
12) 1,1-Dichloroethene	2.358	96	118718	46.58	ug/l	99
13) Acrolein	2.270	56	111106	261.97	ug/l	98
14) Allyl chloride	2.705	41	190822	45.82	ug/l	99
15) Acrylonitrile	3.111	53	336006	229.91	ug/l	99
16) Acetone	2.417	43	293824	231.84	ug/l	99
17) Carbon Disulfide	2.552	76	333000	45.86	ug/l	100
18) Methyl Acetate	2.746	43	136584	45.56	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	437998	48.11	ug/l	99
20) Methylene Chloride	2.834	84	139644	45.93	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	133779	46.73	ug/l	99
22) Diisopropyl ether	3.823	45	401334	47.92	ug/l	93
23) Vinyl Acetate	3.782	43	1704498	238.02	ug/l	99
24) 1,1-Dichloroethane	3.664	63	240427	48.74	ug/l	99
25) 2-Butanone	4.629	43	434915	225.89	ug/l	97
26) 2,2-Dichloropropane	4.546	77	203555	45.44	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	156794	47.54	ug/l	98
28) Bromochloromethane	4.976	49	103121	48.87	ug/l	100
29) Tetrahydrofuran	5.082	42	275438	222.89	ug/l	99
30) Chloroform	5.170	83	241331	48.57	ug/l	99
31) Cyclohexane	5.541	56	213556	47.95	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	206496	47.71	ug/l	99
36) 1,1-Dichloropropene	5.770	75	187652	52.41	ug/l	99
37) Ethyl Acetate	4.788	43	168497	49.47	ug/l	100
38) Carbon Tetrachloride	5.752	117	176058	50.75	ug/l	95
39) Methylcyclohexane	7.435	83	236866	52.76	ug/l	98
40) Benzene	6.105	78	553402	51.56	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030521\
 Data File : VX020991.D
 Acq On : 03 Mar 2021 11:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:16:08 PM

Quant Time: Mar 04 01:01:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	96038	50.13	ug/l	99
42) 1,2-Dichloroethane	6.158	62	195057	54.66	ug/l	99
43) Isopropyl Acetate	6.405	43	283975	49.01	ug/l	100
44) Trichloroethene	7.188	130	152014	53.87	ug/l	98
45) 1,2-Dichloropropane	7.488	63	143483	53.34	ug/l	100
46) Dibromomethane	7.635	93	95738	52.86	ug/l	99
47) Bromodichloromethane	7.870	83	199603	52.91	ug/l	98
48) Methyl methacrylate	7.741	41	145190	49.95	ug/l	99
49) 1,4-Dioxane	7.712	88	63296	932.90	ug/l	99
51) 4-Methyl-2-Pentanone	8.618	43	818437	242.59	ug/l	100
52) Toluene	8.765	92	354406	53.02	ug/l	97
53) t-1,3-Dichloropropene	9.018	75	225383	53.28	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	244261	52.71	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	141494	53.57	ug/l	98
56) Ethyl methacrylate	9.159	69	208898	48.86	ug/l	99
57) 1,3-Dichloropropane	9.353	76	242498	53.52	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	547156	261.73	ug/l	98
59) 2-Hexanone	9.471	43	603626	238.47	ug/l	100
60) Dibromochloromethane	9.565	129	153683	55.14	ug/l	99
61) 1,2-Dibromoethane	9.653	107	145241	52.46	ug/l	99
64) Tetrachloroethene	9.318	164	137916	56.97	ug/l	95
65) Chlorobenzene	10.118	112	364215	51.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	133969	51.42	ug/l	98
67) Ethyl Benzene	10.235	91	657974	51.37	ug/l	99
68) m/p-Xylenes	10.341	106	490773	104.13	ug/l	98
69) o-Xylene	10.682	106	234966	51.08	ug/l	95
70) Styrene	10.694	104	402092	50.95	ug/l	98
71) Bromoform	10.841	173	102974	51.15	ug/l #	99
73) Isopropylbenzene	11.000	105	634155	50.19	ug/l	99
74) N-amyl acetate	10.883	43	230115	44.97	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	189101	46.42	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	164264m	47.73	ug/l	
77) Bromobenzene	11.241	156	142804	48.56	ug/l	98
78) n-propylbenzene	11.341	91	708005	49.13	ug/l	99
79) 2-Chlorotoluene	11.406	91	410115	46.97	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	511337	48.62	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	68539	44.09	ug/l	94
82) 4-Chlorotoluene	11.494	91	478328	47.52	ug/l	99
83) tert-Butylbenzene	11.753	119	496972	48.58	ug/l	98
84) 1,2,4-Trimethylbenzene	11.789	105	527814	49.45	ug/l	99
85) sec-Butylbenzene	11.930	105	599363	49.72	ug/l	99
86) p-Isopropyltoluene	12.047	119	553778	50.12	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	271336	51.55	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	271600	50.65	ug/l	99
89) n-Butylbenzene	12.371	91	491571	49.83	ug/l	100
90) Hexachloroethane	12.577	117	98201	46.55	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	257437	50.10	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.983	75	42652	45.73	ug/l	95
93) 1,2,4-Trichlorobenzene	13.630	180	179748	54.53	ug/l	100
94) Hexachlorobutadiene	13.765	225	70493	53.40	ug/l	98
95) Naphthalene	13.818	128	608101	51.83	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	177032	54.09	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030521\
Data File : VX020991.D
Acq On : 03 Mar 2021 11:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:16:08 PM

Quant Time: Mar 04 01:01:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

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

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

