

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021215.D
 Acq On : 15 Mar 2021 21:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 10:45:41 AM

Quant Time: Mar 16 03:07:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	79814	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	137663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	122789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	69335	50.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.88%			
35) Dibromofluoromethane	5.464	113	47872	50.54	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.08%			
50) Toluene-d8	8.694	98	171109	50.29	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.58%			
62) 4-Bromofluorobenzene	11.118	95	64334	49.62	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	51863	50.63	ug/l	97
3) Chloromethane	1.317	50	50783	48.95	ug/l	100
4) Vinyl Chloride	1.393	62	52864	51.87	ug/l	99
5) Bromomethane	1.623	94	29205	49.74	ug/l	98
6) Chloroethane	1.705	64	31319	51.80	ug/l	97
7) Trichlorofluoromethane	1.911	101	82805	52.24	ug/l	94
8) Diethyl Ether	2.170	74	27841	51.75	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.364	101	44650	51.62	ug/l	95
10) Methyl Iodide	2.493	142	58923	50.82	ug/l #	88
11) Tert butyl alcohol	3.023	59	56892	239.99	ug/l	95
12) 1,1-Dichloroethene	2.352	96	43166	50.26	ug/l #	77
13) Acrolein	2.276	56	35375	242.82	ug/l	97
14) Allyl chloride	2.705	41	91482	48.79	ug/l #	86
15) Acrylonitrile	3.117	53	141707	271.06	ug/l	97
16) Acetone	2.423	43	132428	242.07	ug/l	89
17) Carbon Disulfide	2.552	76	126959	49.96	ug/l	100
18) Methyl Acetate	2.752	43	68476	51.68	ug/l #	88
19) Methyl tert-butyl Ether	3.170	73	169336	51.83	ug/l	99
20) Methylene Chloride	2.834	84	51578	49.94	ug/l #	86
21) trans-1,2-Dichloroethene	3.146	96	48673	51.58	ug/l	93
22) Diisopropyl ether	3.829	45	181065	52.82	ug/l	94
23) Vinyl Acetate	3.788	43	807840	269.53	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	97615	52.83	ug/l	97
25) 2-Butanone	4.635	43	205838	261.54	ug/l	89
26) 2,2-Dichloropropane	4.552	77	76844	45.73	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	56231	52.11	ug/l	88
28) Bromochloromethane	4.982	49	47211	51.18	ug/l	83
29) Tetrahydrofuran	5.088	42	135554	267.03	ug/l #	86
30) Chloroform	5.176	83	101563	52.78	ug/l	98
31) Cyclohexane	5.552	56	85370	49.58	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	89973	52.82	ug/l	95
36) 1,1-Dichloropropene	5.770	75	73567	50.99	ug/l	96
37) Ethyl Acetate	4.794	43	82000	51.60	ug/l #	93
38) Carbon Tetrachloride	5.758	117	79059	49.90	ug/l	99
39) Methylcyclohexane	7.441	83	81139	50.08	ug/l	92
40) Benzene	6.111	78	207059	51.34	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021215.D
 Acq On : 15 Mar 2021 21:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 10:45:41 AM

Quant Time: Mar 16 03:07:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	46986	51.29	ug/l	89
42) 1,2-Dichloroethane	6.158	62	89299	52.05	ug/l	93
43) Isopropyl Acetate	6.411	43	137647	51.63	ug/l #	90
44) Trichloroethene	7.188	130	53391	49.83	ug/l	97
45) 1,2-Dichloropropane	7.488	63	55743	51.14	ug/l	95
46) Dibromomethane	7.635	93	39624	52.18	ug/l	92
47) Bromodichloromethane	7.870	83	81552	51.22	ug/l	99
48) Methyl methacrylate	7.747	41	72601	52.94	ug/l #	81
49) 1,4-Dioxane	7.712	88	24258	1048.21	ug/l #	88
51) 4-Methyl-2-Pentanone	8.618	43	412297	271.27	ug/l	88
52) Toluene	8.765	92	126022	51.82	ug/l	98
53) t-1,3-Dichloropropene	9.024	75	83781	50.80	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	90029	51.23	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	51650	51.50	ug/l	94
56) Ethyl methacrylate	9.159	69	83841	53.83	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	91955	52.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	218701	279.87	ug/l	95
59) 2-Hexanone	9.471	43	308704	269.84	ug/l	85
60) Dibromochloromethane	9.565	129	60128	52.48	ug/l	99
61) 1,2-Dibromoethane	9.653	107	54900	52.17	ug/l	100
64) Tetrachloroethene	9.318	164	51863	48.77	ug/l	95
65) Chlorobenzene	10.118	112	131123	51.49	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	50864	50.66	ug/l	99
67) Ethyl Benzene	10.235	91	248570	52.65	ug/l	100
68) m/p-Xylenes	10.341	106	178617	105.60	ug/l	95
69) o-Xylene	10.683	106	84621	51.53	ug/l	93
70) Styrene	10.694	104	147107	52.83	ug/l	95
71) Bromoform	10.841	173	41067	47.76	ug/l #	100
73) Isopropylbenzene	11.000	105	233466	50.36	ug/l	99
74) N-amyl acetate	10.883	43	117290	52.98	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	75679	52.92	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	76909m	51.94	ug/l	
77) Bromobenzene	11.236	156	56125	50.91	ug/l	94
78) n-propylbenzene	11.341	91	277168	51.94	ug/l	98
79) 2-Chlorotoluene	11.406	91	162785	50.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	200259	51.46	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	24375	46.72	ug/l #	83
82) 4-Chlorotoluene	11.494	91	194280	51.38	ug/l	96
83) tert-Butylbenzene	11.753	119	184901	52.13	ug/l	89
84) 1,2,4-Trimethylbenzene	11.789	105	200836	51.27	ug/l	97
85) sec-Butylbenzene	11.930	105	224741	52.05	ug/l	99
86) p-Isopropyltoluene	12.047	119	202765	51.19	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	99075	51.47	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	101433	51.26	ug/l	98
89) n-Butylbenzene	12.371	91	187082	51.50	ug/l	95
90) Hexachloroethane	12.577	117	37872	51.83	ug/l	88
91) 1,2-Dichlorobenzene	12.377	146	99234	52.21	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	19148	51.74	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	64670	53.17	ug/l	97
94) Hexachlorobutadiene	13.765	225	24476	46.86	ug/l	96
95) Naphthalene	13.818	128	217103	49.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	62521	47.60	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021215.D
Acq On : 15 Mar 2021 21:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/16/2021 10:45:41 AM

Quant Time: Mar 16 03:07:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 15 11:55:59 2021
Response via : Initial Calibration

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

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

