

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021298.D
 Acq On : 19 Mar 2021 13:24
 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
 3/22/2021 11:35:48 AM

Quant Time: Mar 19 15:54:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	80846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	134742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	120952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	61100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	65200	49.17	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.34%
35) Dibromofluoromethane	5.458	113	46495	50.71	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.42%
50) Toluene-d8	8.694	98	159967	48.09	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.18%
62) 4-Bromofluorobenzene	11.118	95	63154	48.88	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.76%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	47351	49.03	ug/l	97
3) Chloromethane	1.311	50	59841	42.73	ug/l	99
4) Vinyl Chloride	1.393	62	45788	46.55	ug/l	99
5) Bromomethane	1.623	94	21875	50.91	ug/l	98
6) Chloroethane	1.699	64	29039	48.31	ug/l	98
7) Trichlorofluoromethane	1.911	101	75999	51.25	ug/l	94
8) Diethyl Ether	2.170	74	26195	50.20	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.358	101	43503	51.49	ug/l	96
10) Methyl Iodide	2.487	142	29375	39.83	ug/l #	89
11) Tert butyl alcohol	3.017	59	53933	242.10	ug/l	97
12) 1,1-Dichloroethene	2.352	96	40237	48.82	ug/l	91
13) Acrolein	2.270	56	36922	276.99	ug/l	99
14) Allyl chloride	2.705	41	82433	48.53	ug/l #	88
15) Acrylonitrile	3.117	53	131921	254.70	ug/l	97
16) Acetone	2.423	43	117677	241.19	ug/l	88
17) Carbon Disulfide	2.546	76	108804	45.41	ug/l	100
18) Methyl Acetate	2.746	43	66775	49.94	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	161996	52.38	ug/l	98
20) Methylene Chloride	2.829	84	48409	48.24	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	44581	48.45	ug/l	93
22) Diisopropyl ether	3.823	45	168376	51.59	ug/l	95
23) Vinyl Acetate	3.782	43	751143	263.83	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	87705	49.77	ug/l	97
25) 2-Butanone	4.629	43	190826	254.34	ug/l #	89
26) 2,2-Dichloropropane	4.547	77	78466	51.03	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	52752	49.90	ug/l	91
28) Bromochloromethane	4.976	49	42366	51.03	ug/l	85
29) Tetrahydrofuran	5.082	42	126184	254.65	ug/l	86
30) Chloroform	5.176	83	92747	50.55	ug/l	98
31) Cyclohexane	5.547	56	77381	48.27	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	82041	50.46	ug/l	96
36) 1,1-Dichloropropene	5.764	75	66602	49.06	ug/l	97
37) Ethyl Acetate	4.788	43	76164	48.41	ug/l #	94
38) Carbon Tetrachloride	5.753	117	73077	51.83	ug/l	97
39) Methylcyclohexane	7.435	83	78605	52.15	ug/l	94
40) Benzene	6.106	78	190757	50.99	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021298.D
 Acq On : 19 Mar 2021 13:24
 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
 3/22/2021 11:35:48 AM

Quant Time: Mar 19 15:54:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	43716	48.42	ug/l	89
42) 1,2-Dichloroethane	6.159	62	83458	51.71	ug/l	94
43) Isopropyl Acetate	6.406	43	129032	50.02	ug/l #	90
44) Trichloroethene	7.188	130	49099	49.40	ug/l	94
45) 1,2-Dichloropropane	7.488	63	51456	51.19	ug/l	97
46) Dibromomethane	7.635	93	36977	50.27	ug/l	91
47) Bromodichloromethane	7.870	83	76459	51.83	ug/l	100
48) Methyl methacrylate	7.741	41	67643	49.43	ug/l #	82
49) 1,4-Dioxane	7.712	88	23123	992.03	ug/l #	90
51) 4-Methyl-2-Pentanone	8.618	43	387091	257.88	ug/l	89
52) Toluene	8.765	92	117508	50.79	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	80148	51.21	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	84548	50.59	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	49777	52.59	ug/l	99
56) Ethyl methacrylate	9.159	69	78197	51.38	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	85057	51.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	209077	251.35	ug/l	95
59) 2-Hexanone	9.471	43	287387	255.80	ug/l	85
60) Dibromochloromethane	9.565	129	56963	52.84	ug/l	99
61) 1,2-Dibromoethane	9.653	107	52500	50.61	ug/l	100
64) Tetrachloroethene	9.318	164	44599	49.37	ug/l	92
65) Chlorobenzene	10.118	112	124751	50.17	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	48499	52.57	ug/l	99
67) Ethyl Benzene	10.236	91	229511	49.91	ug/l	98
68) m/p-Xylenes	10.341	106	168662	102.66	ug/l	94
69) o-Xylene	10.683	106	80707	50.55	ug/l	94
70) Styrene	10.694	104	140378	52.40	ug/l	95
71) Bromoform	10.841	173	38841	52.07	ug/l	95
73) Isopropylbenzene	11.000	105	223240	49.19	ug/l	99
74) N-amyl acetate	10.883	43	112253	48.76	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	75730	50.27	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	64827m	45.74	ug/l	
77) Bromobenzene	11.236	156	54177	50.31	ug/l	95
78) n-propylbenzene	11.342	91	263971	49.73	ug/l	98
79) 2-Chlorotoluene	11.400	91	156477	48.55	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	194902	50.75	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	25172	48.22	ug/l #	85
82) 4-Chlorotoluene	11.495	91	188429	49.64	ug/l	96
83) tert-Butylbenzene	11.753	119	184600	50.49	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	194741	49.87	ug/l	96
85) sec-Butylbenzene	11.930	105	219325	50.90	ug/l	99
86) p-Isopropyltoluene	12.048	119	203464	51.53	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	99846	50.84	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	98780	49.18	ug/l	97
89) n-Butylbenzene	12.371	91	187169	52.01	ug/l	97
90) Hexachloroethane	12.577	117	35422	58.90	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	97148	50.72	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18519	47.92	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	64110	50.92	ug/l	97
94) Hexachlorobutadiene	13.765	225	28576	54.08	ug/l	98
95) Naphthalene	13.818	128	218470	50.41	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	62704	50.00	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
Data File : VX021298.D
Acq On : 19 Mar 2021 13:24
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
3/22/2021 11:35:48 AM

Quant Time: Mar 19 15:54:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021298.D
 Acq On : 19 Mar 2021 13:24
 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
 3/22/2021 11:35:48 AM

Quant Time: Mar 19 15:54:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

