

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013887.D
 Acq On : 10 Dec 2019 10:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:13:53 PM

Quant Time: Dec 11 02:39:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	627654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	944774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	860738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	440363	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	358644	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	5.48	113	299493	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	8.71	98	1136645	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	423755	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	319006	45.663	ug/l	96
3) Chloromethane	1.32	50	349093	44.533	ug/l	100
4) Vinyl Chloride	1.40	62	412976	46.807	ug/l	99
5) Bromomethane	1.63	94	285038	48.106	ug/l	97
6) Chloroethane	1.71	64	228974	45.606	ug/l	99
7) Trichlorofluoromethane	1.92	101	455592	46.503	ug/l	99
8) Diethyl Ether	2.18	74	209618	47.294	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	293091	48.978	ug/l	100
10) Methyl Iodide	2.50	142	341096	47.120	ug/l	99
11) Tert butyl alcohol	3.03	59	369366	205.394	ug/l	99
12) 1,1-Dichloroethene	2.36	96	270702	45.320	ug/l	99
13) Acrolein	2.28	56	363285	300.814	ug/l	100
14) Allyl chloride	2.72	41	505706	46.652	ug/l	99
15) Acrylonitrile	3.13	53	858867	231.371	ug/l	100
16) Acetone	2.43	43	996065	276.914	ug/l	100
17) Carbon Disulfide	2.56	76	702834	41.276	ug/l	100
18) Methyl Acetate	2.76	43	497546	49.674	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	948858	47.952	ug/l	99
20) Methylene Chloride	2.84	84	318883	46.145	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	295261	45.375	ug/l	98
22) Diisopropyl ether	3.84	45	1030159	49.355	ug/l	90
23) Vinyl Acetate	3.80	43	4161146	239.645	ug/l	99
24) 1,1-Dichloroethane	3.69	63	550419	48.239	ug/l	98
25) 2-Butanone	4.65	43	1331126	249.002	ug/l	99
26) 2,2-Dichloropropane	4.57	77	449383	47.601	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	347196	46.461	ug/l	100
28) Bromochloromethane	5.00	49	215550	47.803	ug/l	99
29) Tetrahydrofuran	5.11	42	777713	235.989	ug/l	99
30) Chloroform	5.20	83	538647	46.548	ug/l	96
31) Cyclohexane	5.57	56	503095	46.746	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	456716	47.229	ug/l	99
36) 1,1-Dichloropropene	5.79	75	409126	47.705	ug/l	99
37) Ethyl Acetate	4.81	43	462046	48.024	ug/l	100
38) Carbon Tetrachloride	5.77	117	390916	49.433	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013887.D
 Acq On : 10 Dec 2019 10:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:13:53 PM

Quant Time: Dec 11 02:39:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	512493	48.344	ug/l	99
40) Benzene	6.13	78	1252599	47.955	ug/l	100
41) Methacrylonitrile	5.03	41	268149	50.820	ug/l	98
42) 1,2-Dichloroethane	6.18	62	433101	48.619	ug/l	100
43) Isopropyl Acetate	6.43	43	768479	48.517	ug/l	99
44) Trichloroethene	7.20	130	341516	47.640	ug/l	98
45) 1,2-Dichloropropane	7.50	63	329845	50.472	ug/l	98
46) Dibromomethane	7.65	93	209709	47.247	ug/l	99
47) Bromodichloromethane	7.89	83	426726	50.856	ug/l	97
48) Methyl methacrylate	7.76	41	383159	49.787	ug/l	99
49) 1,4-Dioxane	7.73	88	142445	826.887	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2431552	244.048	ug/l	100
52) Toluene	8.78	92	794021	48.932	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	471086	49.324	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	528489	50.648	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	323867	49.527	ug/l	97
56) Ethyl methacrylate	9.17	69	525844	50.017	ug/l	100
57) 1,3-Dichloropropane	9.37	76	548020	48.621	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1264205	306.698	ug/l	100
59) 2-Hexanone	9.48	43	1942321	249.954	ug/l	99
60) Dibromochloromethane	9.57	129	341203	50.278	ug/l	98
61) 1,2-Dibromoethane	9.67	107	339949	48.675	ug/l	99
64) Tetrachloroethene	9.33	164	310944	48.442	ug/l	97
65) Chlorobenzene	10.14	112	863201	48.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	317350	49.453	ug/l	99
67) Ethyl Benzene	10.25	91	1519926	49.495	ug/l	99
68) m/p-Xylenes	10.36	106	1164598	99.056	ug/l	100
69) o-Xylene	10.70	106	566211	49.379	ug/l	99
70) Styrene	10.71	104	976087	50.604	ug/l	100
71) Bromoform	10.85	173	265511	50.005	ug/l	100
73) Isopropylbenzene	11.01	105	1504726	48.713	ug/l	100
74) N-amyl acetate	10.89	43	695388	49.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	517052	48.267	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	480448m	48.508	ug/l	
77) Bromobenzene	11.25	156	389683	46.697	ug/l	98
78) n-propylbenzene	11.35	91	1721872	49.935	ug/l	100
79) 2-Chlorotoluene	11.42	91	1007203	48.692	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1274599	50.346	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	173634	47.961	ug/l	98
82) 4-Chlorotoluene	11.51	91	1170220	48.845	ug/l	99
83) tert-Butylbenzene	11.76	119	1274280	49.526	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1274727	49.611	ug/l	100
85) sec-Butylbenzene	11.94	105	1484859	50.525	ug/l	100
86) p-Isopropyltoluene	12.06	119	1383583	50.606	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	701683	48.237	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	699571	47.215	ug/l	99
89) n-Butylbenzene	12.39	91	1226649	52.604	ug/l	100
90) Hexachloroethane	12.59	117	250829	50.757	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	697399	48.523	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	110000	47.154	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
Data File : VX013887.D
Acq On : 10 Dec 2019 10:23
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
12/11/2019 2:13:53 PM

Quant Time: Dec 11 02:39:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	493812	49.299	ug/l	99
94) Hexachlorobutadiene	13.78	225	246482	51.224	ug/l	97
95) Naphthalene	13.83	128	1490301	49.960	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	488989	49.304	ug/l	99

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

