

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013967.D
 Acq On : 12 Dec 2019 09:55
 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
 12/13/2019 11:25:07 AM

Quant Time: Dec 13 02:56:27 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	5.64	168	573394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	860752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	786014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	427110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	317577	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	5.48	113	272299	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	8.71	98	1010827	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.13	95	399879	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	310252	48.612	ug/l	100
3) Chloromethane	1.31	50	331259	46.257	ug/l	99
4) Vinyl Chloride	1.40	62	385938	47.882	ug/l	100
5) Bromomethane	1.62	94	264405	48.846	ug/l	97
6) Chloroethane	1.70	64	208741	45.511	ug/l	99
7) Trichlorofluoromethane	1.90	101	434508	48.548	ug/l	100
8) Diethyl Ether	2.18	74	203039	50.144	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	282057	51.594	ug/l	99
10) Methyl Iodide	2.49	142	333392	50.414	ug/l	99
11) Tert butyl alcohol	3.07	59	335075m	203.957	ug/l	
12) 1,1-Dichloroethene	2.36	96	268529	49.210	ug/l	100
13) Acrolein	2.28	56	276967	252.035	ug/l	98
14) Allyl chloride	2.71	41	494496	49.935	ug/l	99
15) Acrylonitrile	3.13	53	823437	242.818	ug/l	100
16) Acetone	2.44	43	949864	289.059	ug/l	100
17) Carbon Disulfide	2.55	76	639177	41.089	ug/l	100
18) Methyl Acetate	2.76	43	480913	52.557	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	937649	51.869	ug/l	98
20) Methylene Chloride	2.84	84	341595	54.109	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	287458	48.356	ug/l	97
22) Diisopropyl ether	3.84	45	1030226	54.029	ug/l	96
23) Vinyl Acetate	3.80	43	4122762	259.903	ug/l	99
24) 1,1-Dichloroethane	3.68	63	550593	52.820	ug/l	100
25) 2-Butanone	4.66	43	1275700	261.216	ug/l	100
26) 2,2-Dichloropropane	4.56	77	444931	51.590	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	339686	49.758	ug/l	98
28) Bromochloromethane	5.00	49	227204	55.157	ug/l	95
29) Tetrahydrofuran	5.11	42	731450	242.954	ug/l	99
30) Chloroform	5.19	83	530418	50.175	ug/l	95
31) Cyclohexane	5.56	56	485890	49.420	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	449274	50.856	ug/l	100
36) 1,1-Dichloropropene	5.78	75	397531	50.878	ug/l	99
37) Ethyl Acetate	4.82	43	442655	50.500	ug/l	100
38) Carbon Tetrachloride	5.77	117	379753	52.709	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121219\
 Data File : VX013967.D
 Acq On : 12 Dec 2019 09:55
 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
 12/13/2019 11:25:07 AM

Quant Time: Dec 13 02:56:27 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	497306	51.491	ug/l	99
40) Benzene	6.12	78	1231037	51.730	ug/l	100
41) Methacrylonitrile	5.03	41	253972	52.832	ug/l	99
42) 1,2-Dichloroethane	6.18	62	431699	53.192	ug/l	99
43) Isopropyl Acetate	6.43	43	740351	51.303	ug/l	99
44) Trichloroethene	7.20	130	331823	50.807	ug/l	96
45) 1,2-Dichloropropane	7.50	63	330100	55.442	ug/l	98
46) Dibromomethane	7.65	93	206918	51.169	ug/l	99
47) Bromodichloromethane	7.89	83	416110	54.431	ug/l	99
48) Methyl methacrylate	7.76	41	377240	53.802	ug/l	99
49) 1,4-Dioxane	7.74	88	136265	868.226	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2459930	270.997	ug/l	99
52) Toluene	8.78	92	779503	52.727	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	464154	53.342	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	517070	54.391	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	327888	55.037	ug/l	98
56) Ethyl methacrylate	9.17	69	528582	55.185	ug/l	100
57) 1,3-Dichloropropane	9.36	76	549198	53.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	986900	262.794	ug/l	99
59) 2-Hexanone	9.49	43	1960584	276.933	ug/l	99
60) Dibromochloromethane	9.57	129	339938	54.982	ug/l	99
61) 1,2-Dibromoethane	9.67	107	332404	52.241	ug/l	99
64) Tetrachloroethene	9.33	164	309227	52.755	ug/l	97
65) Chlorobenzene	10.14	112	847436	51.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	322284	54.996	ug/l	99
67) Ethyl Benzene	10.25	91	1508680	53.799	ug/l	98
68) m/p-Xylenes	10.35	106	1161824	108.214	ug/l	99
69) o-Xylene	10.70	106	566234	54.076	ug/l	99
70) Styrene	10.71	104	996443	56.570	ug/l	99
71) Bromoform	10.85	173	272739	56.249	ug/l #	100
73) Isopropylbenzene	11.01	105	1522150	50.806	ug/l	100
74) N-amyl acetate	10.89	43	720050	52.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	550102	52.945	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	424189m	44.157	ug/l	
77) Bromobenzene	11.25	156	398730	49.263	ug/l	97
78) n-propylbenzene	11.35	91	1770529	52.939	ug/l	100
79) 2-Chlorotoluene	11.42	91	1047629	52.218	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1309420	53.326	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	177237	50.475	ug/l	99
82) 4-Chlorotoluene	11.51	91	1221618	52.573	ug/l	99
83) tert-Butylbenzene	11.76	119	1335065	53.499	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1330593	53.393	ug/l	100
85) sec-Butylbenzene	11.94	105	1537765	53.949	ug/l	99
86) p-Isopropyltoluene	12.06	119	1441559	54.363	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	735310	52.117	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	737174	51.297	ug/l	99
89) n-Butylbenzene	12.39	91	1262274	55.812	ug/l	100
90) Hexachloroethane	12.59	117	259360	54.111	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	739558	53.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	108396	47.908	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
Data File : VX013967.D
Acq On : 12 Dec 2019 09:55
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
12/13/2019 11:25:07 AM

Quant Time: Dec 13 02:56:27 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	508310	52.321	ug/l	99
94) Hexachlorobutadiene	13.78	225	240820	51.601	ug/l	98
95) Naphthalene	13.83	128	1454681	50.279	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	484133	50.330	ug/l	98

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

