

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\
 Data File : VX015985.D
 Acq On : 29 Apr 2020 18:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:11:51 PM

Quant Time: Apr 30 08:32:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	268315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	428340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	209564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168951	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	5.47	113	127938	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
50) Toluene-d8	8.70	98	480876	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
62) 4-Bromofluorobenzene	11.12	95	190802	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126279	52.594	ug/l	99
3) Chloromethane	1.31	50	143005	49.145	ug/l	98
4) Vinyl Chloride	1.39	62	166917	50.510	ug/l	99
5) Bromomethane	1.62	94	103800	46.788	ug/l	99
6) Chloroethane	1.71	64	110371	50.210	ug/l	98
7) Trichlorofluoromethane	1.91	101	247313	49.513	ug/l	97
8) Diethyl Ether	2.17	74	102300	49.058	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	126328	50.738	ug/l	100
10) Methyl Iodide	2.49	142	180225	51.890	ug/l	100
11) Tert butyl alcohol	3.01	59	214601	252.007	ug/l	100
12) 1,1-Dichloroethene	2.36	96	127617	49.711	ug/l	100
13) Acrolein	2.27	56	57907	270.584	ug/l	99
14) Allyl chloride	2.71	41	239299	51.695	ug/l	99
15) Acrylonitrile	3.12	53	436150	258.307	ug/l	99
16) Acetone	2.42	43	388747	259.141	ug/l	97
17) Carbon Disulfide	2.55	76	371808	49.643	ug/l	99
18) Methyl Acetate	2.75	43	220785	51.864	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	481278	51.834	ug/l	100
20) Methylene Chloride	2.84	84	146481	49.326	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	141061	48.756	ug/l	98
22) Diisopropyl ether	3.82	45	473385	52.016	ug/l	98
23) Vinyl Acetate	3.79	43	2093143	264.768	ug/l	100
24) 1,1-Dichloroethane	3.67	63	264446	52.162	ug/l	100
25) 2-Butanone	4.64	43	631243	259.670	ug/l	98
26) 2,2-Dichloropropane	4.55	77	222751	48.055	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	163349	49.753	ug/l	99
28) Bromochloromethane	4.98	49	119259	48.612	ug/l	98
29) Tetrahydrofuran	5.09	42	408325	256.303	ug/l	100
30) Chloroform	5.18	83	267308	50.706	ug/l	99
31) Cyclohexane	5.55	56	233211	51.672	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	246418	50.768	ug/l	99
36) 1,1-Dichloropropene	5.78	75	201444	49.377	ug/l	98
37) Ethyl Acetate	4.80	43	242414	51.819	ug/l	99
38) Carbon Tetrachloride	5.76	117	216871	50.328	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\
 Data File : VX015985.D
 Acq On : 29 Apr 2020 18:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:11:51 PM

Quant Time: Apr 30 08:32:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	237929	50.419	ug/l	99
40) Benzene	6.12	78	589592	50.650	ug/l	99
41) Methacrylonitrile	5.01	41	128674	51.387	ug/l	99
42) 1,2-Dichloroethane	6.17	62	229540	50.893	ug/l	99
43) Isopropyl Acetate	6.42	43	397323	51.290	ug/l	100
44) Trichloroethene	7.19	130	198193	47.237	ug/l	99
45) 1,2-Dichloropropane	7.49	63	151439	50.339	ug/l	98
46) Dibromomethane	7.64	93	107453	50.267	ug/l	98
47) Bromodichloromethane	7.88	83	219500	51.672	ug/l	99
48) Methyl methacrylate	7.75	41	189675	53.032	ug/l	99
49) 1,4-Dioxane	7.71	88	84315	1002.078	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1228507	261.450	ug/l	100
52) Toluene	8.77	92	376706	50.982	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	252916	50.178	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	260756	50.300	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	152100	51.510	ug/l	98
56) Ethyl methacrylate	9.16	69	252880	52.668	ug/l	99
57) 1,3-Dichloropropane	9.35	76	259579	51.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	626949	252.681	ug/l	100
59) 2-Hexanone	9.48	43	969016	263.881	ug/l	100
60) Dibromochloromethane	9.57	129	175079	52.974	ug/l	98
61) 1,2-Dibromoethane	9.65	107	165348	51.639	ug/l	100
64) Tetrachloroethene	9.32	164	231883	48.380	ug/l	98
65) Chlorobenzene	10.12	112	406378	49.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	155782	50.088	ug/l	99
67) Ethyl Benzene	10.24	91	731459	49.913	ug/l	100
68) m/p-Xylenes	10.34	106	555405	99.879	ug/l	100
69) o-Xylene	10.68	106	264143	50.031	ug/l	96
70) Styrene	10.70	104	461916	50.990	ug/l	100
71) Bromoform	10.84	173	135129	47.840	ug/l	98
73) Isopropylbenzene	11.01	105	723377	50.741	ug/l	100
74) N-amyl acetate	10.88	43	351417	51.110	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	162607	49.201	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	226973m	51.615	ug/l	
77) Bromobenzene	11.24	156	184198	50.195	ug/l	98
78) n-propylbenzene	11.35	91	839976	51.219	ug/l	99
79) 2-Chlorotoluene	11.41	91	490500	50.199	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	615222	51.230	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	93137	50.052	ug/l	99
82) 4-Chlorotoluene	11.49	91	591154	50.584	ug/l	99
83) tert-Butylbenzene	11.76	119	528593	51.049	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	625349	51.741	ug/l	99
85) sec-Butylbenzene	11.93	105	714309	51.202	ug/l	99
86) p-Isopropyltoluene	12.05	119	666993	51.043	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	330095	49.327	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	331550	49.022	ug/l	98
89) n-Butylbenzene	12.37	91	598437	50.685	ug/l	100
90) Hexachloroethane	12.58	117	118482	51.317	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	318641	49.794	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59145	50.251	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\
 Data File : VX015985.D
 Acq On : 29 Apr 2020 18:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:11:51 PM

Quant Time: Apr 30 08:32:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	230175	47.923	ug/l	99
94) Hexachlorobutadiene	13.77	225	98491	45.897	ug/l	98
95) Naphthalene	13.82	128	768553	50.735	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	223648	48.358	ug/l	100

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

