

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016969.D
 Acq On : 26 Jun 2020 09:26
 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

MMDadoda
 6/29/2020 12:32:34 PM

Quant Time: Jun 27 03:08:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	403165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	368256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	165736	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
35) Dibromofluoromethane	5.46	113	122673	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
50) Toluene-d8	8.70	98	458664	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.12	95	176814	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	102213	44.606	ug/l	100
3) Chloromethane	1.31	50	142016	48.212	ug/l	97
4) Vinyl Chloride	1.39	62	137571	45.599	ug/l	98
5) Bromomethane	1.62	94	90403	44.182	ug/l	99
6) Chloroethane	1.71	64	89705	43.810	ug/l	99
7) Trichlorofluoromethane	1.92	101	232406	47.223	ug/l	97
8) Diethyl Ether	2.17	74	79954	42.175	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122457	46.486	ug/l	100
10) Methyl Iodide	2.49	142	154452	46.935	ug/l	98
11) Tert butyl alcohol	3.01	59	148448	216.566	ug/l	100
12) 1,1-Dichloroethene	2.36	96	117282	44.008	ug/l	96
13) Acrolein	2.27	56	125693	247.400	ug/l	99
14) Allyl chloride	2.70	41	236812	47.724	ug/l	99
15) Acrylonitrile	3.11	53	345507	217.093	ug/l	100
16) Acetone	2.42	43	289461	203.950	ug/l	98
17) Carbon Disulfide	2.55	76	379798	44.944	ug/l	100
18) Methyl Acetate	2.75	43	150391	43.556	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	433605	46.550	ug/l	100
20) Methylene Chloride	2.83	84	139415	43.212	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	136097	45.200	ug/l	97
22) Diisopropyl ether	3.82	45	456784	46.955	ug/l	95
23) Vinyl Acetate	3.78	43	1996046	234.448	ug/l	99
24) 1,1-Dichloroethane	3.67	63	247537	45.362	ug/l	98
25) 2-Butanone	4.63	43	467762	216.246	ug/l	100
26) 2,2-Dichloropropane	4.54	77	225956	51.189	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	148324	44.578	ug/l	99
28) Bromochloromethane	4.98	49	108713	42.633	ug/l	98
29) Tetrahydrofuran	5.08	42	314733	221.332	ug/l	99
30) Chloroform	5.17	83	248466	45.336	ug/l	100
31) Cyclohexane	5.55	56	219190	48.084	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	226724	46.176	ug/l	99
36) 1,1-Dichloropropene	5.76	75	189395	47.444	ug/l	100
37) Ethyl Acetate	4.79	43	191632	44.668	ug/l	99
38) Carbon Tetrachloride	5.75	117	204853	48.487	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016969.D
 Acq On : 26 Jun 2020 09:26
 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

MMDadoda
 6/29/2020 12:32:34 PM

Quant Time: Jun 27 03:08:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	217444	50.336	ug/l	97
40) Benzene	6.11	78	534690	46.510	ug/l	99
41) Methacrylonitrile	5.00	41	105607	44.175	ug/l	99
42) 1,2-Dichloroethane	6.16	62	211216	46.762	ug/l	99
43) Isopropyl Acetate	6.41	43	328745	45.549	ug/l	100
44) Trichloroethene	7.18	130	144139	47.099	ug/l	95
45) 1,2-Dichloropropane	7.49	63	139342	45.338	ug/l	99
46) Dibromomethane	7.63	93	95808	45.887	ug/l	99
47) Bromodichloromethane	7.87	83	202581	46.389	ug/l	99
48) Methyl methacrylate	7.74	41	159914	47.448	ug/l	100
49) 1,4-Dioxane	7.71	88	64322	917.518	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	954873	231.169	ug/l	100
52) Toluene	8.76	92	334475	47.204	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	226901	48.519	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	237328	48.276	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	134690	46.261	ug/l	99
56) Ethyl methacrylate	9.16	69	209345	47.976	ug/l	99
57) 1,3-Dichloropropane	9.35	76	231898	46.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	539701	239.397	ug/l	100
59) 2-Hexanone	9.47	43	722302	232.446	ug/l	99
60) Dibromochloromethane	9.56	129	154494	46.549	ug/l	98
61) 1,2-Dibromoethane	9.65	107	141223	45.429	ug/l	99
64) Tetrachloroethene	9.32	164	127093	50.984	ug/l	98
65) Chlorobenzene	10.12	112	356156	47.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	137203	49.022	ug/l	99
67) Ethyl Benzene	10.23	91	656463	49.657	ug/l	100
68) m/p-Xylenes	10.34	106	488960	99.559	ug/l	99
69) o-Xylene	10.68	106	231338	49.373	ug/l	100
70) Styrene	10.70	104	406374	50.913	ug/l	99
71) Bromoform	10.84	173	106757	47.973	ug/l #	98
73) Isopropylbenzene	11.00	105	635213	49.151	ug/l	100
74) N-amyl acetate	10.88	43	295808	48.537	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	192951	44.365	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	187523m	47.606	ug/l	
77) Bromobenzene	11.24	156	154035	45.971	ug/l	98
78) n-propylbenzene	11.34	91	760030	49.826	ug/l	99
79) 2-Chlorotoluene	11.40	91	448952	48.945	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	546413	50.869	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	73293	47.239	ug/l	95
82) 4-Chlorotoluene	11.49	91	539114	49.938	ug/l	99
83) tert-Butylbenzene	11.76	119	518274	49.539	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	555953	51.168	ug/l	99
85) sec-Butylbenzene	11.93	105	622675	51.049	ug/l	99
86) p-Isopropyltoluene	12.05	119	575089	51.602	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	277066	46.071	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	281879	45.913	ug/l	99
89) n-Butylbenzene	12.37	91	535043	51.003	ug/l	99
90) Hexachloroethane	12.58	117	109756	47.505	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	265834	46.625	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44369	44.584	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016969.D
Acq On : 26 Jun 2020 09:26
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

MMDadoda
6/29/2020 12:32:34 PM

Quant Time: Jun 27 03:08:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	174658	47.011	ug/l	97
94) Hexachlorobutadiene	13.77	225	67587	50.635	ug/l	98
95) Naphthalene	13.82	128	579465	47.461	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	170610	47.882	ug/l	99

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

