

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051520\
 Data File : VX016294.D
 Acq On : 15 May 2020 20:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 12:52:58 PM

Quant Time: May 16 08:23:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	408117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	381018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	184010	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	153748	47.87	ug/l	0.00
Spiked Amount						
			Recovery	=	95.74%	
35) Dibromofluoromethane	5.47	113	124873	48.30	ug/l	0.00
Spiked Amount						
			Recovery	=	96.60%	
50) Toluene-d8	8.70	98	488386	49.02	ug/l	0.00
Spiked Amount						
			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.12	95	186782	49.29	ug/l	0.00
Spiked Amount						
			Recovery	=	98.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	130418	50.484	ug/l	99
3) Chloromethane	1.31	50	129898	43.297	ug/l	98
4) Vinyl Chloride	1.39	62	155073	48.448	ug/l	100
5) Bromomethane	1.62	94	44697	27.699	ug/l	98
6) Chloroethane	1.70	64	95231	48.898	ug/l	99
7) Trichlorofluoromethane	1.91	101	206308	49.095	ug/l	98
8) Diethyl Ether	2.17	74	87750	49.560	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114034	47.036	ug/l	99
10) Methyl Iodide	2.49	142	70286	21.583	ug/l	99
11) Tert butyl alcohol	3.02	59	206488	254.252	ug/l	99
12) 1,1-Dichloroethene	2.35	96	120679	47.566	ug/l	98
13) Acrolein	2.28	56	156617	308.174	ug/l	100
14) Allyl chloride	2.71	41	218200	46.906	ug/l	94
15) Acrylonitrile	3.12	53	438967	260.548	ug/l	99
16) Acetone	2.42	43	346684	241.929	ug/l	94
17) Carbon Disulfide	2.55	76	342060	44.875	ug/l	99
18) Methyl Acetate	2.75	43	190062	53.943	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	462499	52.881	ug/l	99
20) Methylene Chloride	2.84	84	143540	48.590	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	136303	48.211	ug/l	96
22) Diisopropyl ether	3.83	45	440286	50.169	ug/l	89
23) Vinyl Acetate	3.79	43	1945784	252.013	ug/l	98
24) 1,1-Dichloroethane	3.67	63	251545	51.239	ug/l	99
25) 2-Butanone	4.64	43	601315	260.406	ug/l	96
26) 2,2-Dichloropropane	4.55	77	181396	40.460	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	160733	52.003	ug/l	95
28) Bromochloromethane	4.98	49	111685	49.892	ug/l	95
29) Tetrahydrofuran	5.09	42	392220	256.346	ug/l	97
30) Chloroform	5.18	83	255286	52.227	ug/l	100
31) Cyclohexane	5.55	56	202090	45.295	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	227698	51.248	ug/l	98
36) 1,1-Dichloropropene	5.77	75	189634	47.204	ug/l	99
37) Ethyl Acetate	4.80	43	226478	48.640	ug/l	98
38) Carbon Tetrachloride	5.76	117	199285	48.804	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051520\
 Data File : VX016294.D
 Acq On : 15 May 2020 20:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 12:52:58 PM

Quant Time: May 16 08:23:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	167582	34.639	ug/l	99
40) Benzene	6.12	78	581174	49.443	ug/l	99
41) Methacrylonitrile	5.01	41	123460	49.098	ug/l	97
42) 1,2-Dichloroethane	6.17	62	201264	47.531	ug/l	99
43) Isopropyl Acetate	6.42	43	360736	48.557	ug/l	98
44) Trichloroethene	7.19	130	167988	40.227	ug/l	99
45) 1,2-Dichloropropane	7.49	63	151185	50.831	ug/l	98
46) Dibromomethane	7.64	93	100329	49.637	ug/l	99
47) Bromodichloromethane	7.88	83	209236	50.828	ug/l	97
48) Methyl methacrylate	7.75	41	171080	48.598	ug/l	94
49) 1,4-Dioxane	7.71	88	80426	952.598	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1157272	254.558	ug/l	97
52) Toluene	8.77	92	370127	50.517	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	239723	48.841	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	251719	49.100	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	151705	52.627	ug/l	98
56) Ethyl methacrylate	9.16	69	251866	53.528	ug/l	93
57) 1,3-Dichloropropane	9.35	76	260587	51.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	622698	248.581	ug/l	99
59) 2-Hexanone	9.48	43	907420	254.162	ug/l	96
60) Dibromochloromethane	9.57	129	169329	53.335	ug/l	98
61) 1,2-Dibromoethane	9.65	107	160642	51.448	ug/l	99
64) Tetrachloroethene	9.32	164	169725	36.286	ug/l	96
65) Chlorobenzene	10.12	112	392362	49.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	153818	52.163	ug/l	99
67) Ethyl Benzene	10.24	91	682815	47.968	ug/l	99
68) m/p-Xylenes	10.34	106	518061	97.137	ug/l	99
69) o-Xylene	10.68	106	252311	49.216	ug/l	99
70) Styrene	10.69	104	448771	51.599	ug/l	99
71) Bromoform	10.84	173	130650	54.382	ug/l #	99
73) Isopropylbenzene	11.01	105	631209	47.162	ug/l	100
74) N-amyl acetate	10.88	43	317126	50.799	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	208533	74.773	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	215177m	51.532	ug/l	
77) Bromobenzene	11.24	156	172238	49.858	ug/l	99
78) n-propylbenzene	11.35	91	707938	45.468	ug/l	100
79) 2-Chlorotoluene	11.41	91	447805	48.724	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	522833	46.267	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85431	48.757	ug/l	97
82) 4-Chlorotoluene	11.49	91	524957	48.370	ug/l	99
83) tert-Butylbenzene	11.76	119	454771	46.698	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	527047	46.133	ug/l	100
85) sec-Butylbenzene	11.93	105	519820	39.533	ug/l	99
86) p-Isopropyltoluene	12.05	119	477307	39.098	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	286609	46.206	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	295691	46.967	ug/l	98
89) n-Butylbenzene	12.37	91	391951	35.144	ug/l	100
90) Hexachloroethane	12.58	117	86208	41.117	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	287924	48.207	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57890	52.603	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016294.D
 Acq On : 15 May 2020 20:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 12:52:58 PM

Quant Time: May 16 08:23:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	175780	39.752	ug/l	98
94) Hexachlorobutadiene	13.77	225	51469	27.271	ug/l	97
95) Naphthalene	13.82	128	675505	47.178	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	170662	39.490	ug/l	100

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

