

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010870.D
 Acq On : 15 Jul 2019 08:50
 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
 7/16/2019 10:43:11 AM

Quant Time: Jul 16 02:09:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	277083	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	407735	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	370746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199270	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	114414	44.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.08%	
35) Dibromofluoromethane	5.49	113	107262	43.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.00%	
50) Toluene-d8	8.71	98	384848	40.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.64%	
62) 4-Bromofluorobenzene	11.13	95	154298	44.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	95270	49.456	ug/l	98
3) Chloromethane	1.32	50	99464	44.342	ug/l	98
4) Vinyl Chloride	1.41	62	104606	42.576	ug/l	99
5) Bromomethane	1.64	94	56559	47.252	ug/l	99
6) Chloroethane	1.71	64	65953	45.500	ug/l	96
7) Trichlorofluoromethane	1.93	101	186830	47.969	ug/l	99
8) Diethyl Ether	2.19	74	64121	45.908	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	109714	46.484	ug/l	99
10) Methyl Iodide	2.51	142	132012	39.191	ug/l	96
11) Tert butyl alcohol	3.05	59	130140	191.441	ug/l	98
12) 1,1-Dichloroethene	2.37	96	105846	44.071	ug/l	97
13) Acrolein	2.29	56	125673	278.680	ug/l	100
14) Allyl chloride	2.73	41	161674	47.416	ug/l	98
15) Acrylonitrile	3.14	53	295913	219.860	ug/l	100
16) Acetone	2.44	43	363896	279.489	ug/l	97
17) Carbon Disulfide	2.57	76	259932	40.341	ug/l	99
18) Methyl Acetate	2.77	43	117436	45.255	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	352096	46.601	ug/l	98
20) Methylene Chloride	2.85	84	121371	45.297	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	112417	43.521	ug/l	95
22) Diisopropyl ether	3.85	45	331716	46.531	ug/l	92
23) Vinyl Acetate	3.81	43	1486933	241.439	ug/l	99
24) 1,1-Dichloroethane	3.70	63	191523	46.477	ug/l	100
25) 2-Butanone	4.67	43	463540	242.707	ug/l	98
26) 2,2-Dichloropropane	4.58	77	169900	47.462	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	133174	44.616	ug/l	96
28) Bromochloromethane	5.01	49	78752	39.971	ug/l	94
29) Tetrahydrofuran	5.12	42	252945	213.819	ug/l	100
30) Chloroform	5.21	83	206586	46.594	ug/l	98
31) Cyclohexane	5.57	56	169772	45.242	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	184416	47.105	ug/l	99
36) 1,1-Dichloropropene	5.79	75	149634	46.182	ug/l	99
37) Ethyl Acetate	4.83	43	153246	45.975	ug/l	99
38) Carbon Tetrachloride	5.78	117	166736	47.522	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010870.D
 Acq On : 15 Jul 2019 08:50
 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
 7/16/2019 10:43:11 AM

Quant Time: Jul 16 02:09:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195196	45.831	ug/l	99
40) Benzene	6.14	78	457322	45.305	ug/l	100
41) Methacrylonitrile	5.04	41	84961	46.455	ug/l	97
42) 1,2-Dichloroethane	6.19	62	157164	51.148	ug/l	96
43) Isopropyl Acetate	6.44	43	258907	46.947	ug/l	98
44) Trichloroethene	7.21	130	136085	45.054	ug/l	97
45) 1,2-Dichloropropane	7.51	63	116913	45.864	ug/l	99
46) Dibromomethane	7.66	93	85770	46.896	ug/l	96
47) Bromodichloromethane	7.90	83	160456	47.872	ug/l	100
48) Methyl methacrylate	7.76	41	123221	48.070	ug/l	98
49) 1,4-Dioxane	7.74	88	64124	868.369	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	828817	234.987	ug/l	97
52) Toluene	8.78	92	301185	45.308	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	180508	48.036	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	194584	47.650	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	125360	45.725	ug/l	97
56) Ethyl methacrylate	9.18	69	195671	47.114	ug/l	95
57) 1,3-Dichloropropane	9.37	76	198164	46.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	400533	203.065	ug/l	99
59) 2-Hexanone	9.49	43	677397	244.025	ug/l	98
60) Dibromochloromethane	9.58	129	145006	47.238	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137082	46.324	ug/l	99
64) Tetrachloroethene	9.34	164	129129	43.062	ug/l	97
65) Chlorobenzene	10.13	112	343723	45.666	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	129912	47.384	ug/l	99
67) Ethyl Benzene	10.25	91	597152	46.994	ug/l	100
68) m/p-Xylenes	10.35	106	461339	93.699	ug/l	98
69) o-Xylene	10.69	106	223624	46.185	ug/l	97
70) Styrene	10.71	104	391496	48.213	ug/l	98
71) Bromoform	10.85	173	112548	47.205	ug/l #	99
73) Isopropylbenzene	11.02	105	610394	45.187	ug/l	98
74) N-amyl acetate	10.90	43	242278	47.459	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	195442	43.689	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	168364m	46.366	ug/l	
77) Bromobenzene	11.26	156	165702	43.931	ug/l	98
78) n-propylbenzene	11.36	91	695447	46.844	ug/l	98
79) 2-Chlorotoluene	11.42	91	407766	46.125	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	515725	46.313	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65061	41.799	ug/l	90
82) 4-Chlorotoluene	11.51	91	480400	47.756	ug/l	98
83) tert-Butylbenzene	11.77	119	516818	46.240	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	527090	47.112	ug/l	100
85) sec-Butylbenzene	11.94	105	615404	46.895	ug/l	99
86) p-Isopropyltoluene	12.06	119	574119	47.298	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	303603	46.112	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	298633	44.553	ug/l	99
89) n-Butylbenzene	12.38	91	510803	49.522	ug/l	99
90) Hexachloroethane	12.59	117	97075	46.251	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	292257	44.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43306	44.900	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
Data File : VX010870.D
Acq On : 15 Jul 2019 08:50
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
7/16/2019 10:43:11 AM

Quant Time: Jul 16 02:09:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	211426	46.591	ug/l	98
94) Hexachlorobutadiene	13.78	225	104827	47.265	ug/l	99
95) Naphthalene	13.83	128	614304	44.051	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	207184	45.920	ug/l	99

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

