

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041819\
 Data File : VX009031.D
 Acq On : 18 Apr 2019 09:48
 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
 4/19/2019 9:11:50 AM

Quant Time: Apr 19 04:23:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	232172	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	368018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154820	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	155162	47.42	ug/l	0.00
Spiked Amount						
			Recovery	=	94.84%	
35) Dibromofluoromethane	5.49	113	116534	49.34	ug/l	0.00
Spiked Amount						
			Recovery	=	98.68%	
50) Toluene-d8	8.71	98	464118	49.27	ug/l	0.00
Spiked Amount						
			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	164584	49.50	ug/l	0.00
Spiked Amount						
			Recovery	=	99.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	136847	51.174	ug/l	99
3) Chloromethane	1.32	50	158554	48.295	ug/l	96
4) Vinyl Chloride	1.41	62	151016	47.261	ug/l	99
5) Bromomethane	1.64	94	84272	42.723	ug/l	99
6) Chloroethane	1.71	64	88092	46.883	ug/l	99
7) Trichlorofluoromethane	1.92	101	174543	46.785	ug/l	99
8) Diethyl Ether	2.19	74	78363	45.929	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107184	44.935	ug/l	99
10) Methyl Iodide	2.51	142	127057	48.831	ug/l	100
11) Tert butyl alcohol	3.05	59	159999	220.297	ug/l	100
12) 1,1-Dichloroethene	2.37	96	104943	42.150	ug/l	98
13) Acrolein	2.29	56	117843	187.785	ug/l	98
14) Allyl chloride	2.73	41	263911	48.585	ug/l	99
15) Acrylonitrile	3.14	53	425467	230.772	ug/l	100
16) Acetone	2.45	43	444566	262.008	ug/l	99
17) Carbon Disulfide	2.57	76	332589	45.572	ug/l	100
18) Methyl Acetate	2.77	43	191972	45.333	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	420342	47.382	ug/l	99
20) Methylene Chloride	2.85	84	132243	45.575	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	119375	44.952	ug/l	95
22) Diisopropyl ether	3.85	45	510767	48.390	ug/l	91
23) Vinyl Acetate	3.81	43	2272177	244.888	ug/l	99
24) 1,1-Dichloroethane	3.69	63	250183	47.217	ug/l	99
25) 2-Butanone	4.67	43	675085	248.910	ug/l	98
26) 2,2-Dichloropropane	4.58	77	189008	47.589	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	139002	46.101	ug/l	98
28) Bromochloromethane	5.01	49	115473	52.568	ug/l	99
29) Tetrahydrofuran	5.12	42	413059	227.543	ug/l	99
30) Chloroform	5.21	83	223008	47.034	ug/l	99
31) Cyclohexane	5.57	56	249993	47.970	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	186757	47.524	ug/l	99
36) 1,1-Dichloropropene	5.79	75	178149	46.806	ug/l	99
37) Ethyl Acetate	4.83	43	240316	49.068	ug/l	100
38) Carbon Tetrachloride	5.78	117	157053	48.673	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041819\
 Data File : VX009031.D
 Acq On : 18 Apr 2019 09:48
 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
 4/19/2019 9:11:50 AM

Quant Time: Apr 19 04:23:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229176	49.454	ug/l	97
40) Benzene	6.14	78	536368	47.769	ug/l	99
41) Methacrylonitrile	5.04	41	136176	48.446	ug/l	99
42) 1,2-Dichloroethane	6.19	62	190710	47.947	ug/l	99
43) Isopropyl Acetate	6.44	43	384629	48.734	ug/l	100
44) Trichloroethene	7.21	130	130581	47.464	ug/l	98
45) 1,2-Dichloropropane	7.51	63	152943	49.099	ug/l	97
46) Dibromomethane	7.66	93	86109	47.499	ug/l	100
47) Bromodichloromethane	7.90	83	172696	48.569	ug/l	98
48) Methyl methacrylate	7.77	41	193483	49.614	ug/l	99
49) 1,4-Dioxane	7.74	88	65581	898.478	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1204203	239.494	ug/l	99
52) Toluene	8.78	92	323131	48.019	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	204113	49.880	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	225302	49.171	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	129902	48.707	ug/l	99
56) Ethyl methacrylate	9.18	69	237648	49.694	ug/l	100
57) 1,3-Dichloropropane	9.37	76	232417	48.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	674275	261.831	ug/l	99
59) 2-Hexanone	9.49	43	945236	243.834	ug/l	100
60) Dibromochloromethane	9.58	129	130397	51.014	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132770	48.234	ug/l	99
64) Tetrachloroethene	9.34	164	119745	48.527	ug/l	98
65) Chlorobenzene	10.13	112	331246	48.314	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	118767	49.173	ug/l	100
67) Ethyl Benzene	10.25	91	620225	49.486	ug/l	100
68) m/p-Xylenes	10.36	106	445245	97.751	ug/l	98
69) o-Xylene	10.69	106	217295	49.029	ug/l	99
70) Styrene	10.71	104	381177	49.631	ug/l	100
71) Bromoform	10.85	173	93765	48.728	ug/l #	99
73) Isopropylbenzene	11.02	105	587648	50.076	ug/l	99
74) N-amyl acetate	10.90	43	324967	48.228	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	197369	46.030	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	176530m	46.696	ug/l	
77) Bromobenzene	11.26	156	138806	46.880	ug/l	98
78) n-propylbenzene	11.36	91	687757	51.061	ug/l	99
79) 2-Chlorotoluene	11.42	91	398161	49.055	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	496053	50.373	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	70838	48.106	ug/l	97
82) 4-Chlorotoluene	11.51	91	465201	49.350	ug/l	100
83) tert-Butylbenzene	11.77	119	466517	49.343	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	497476	49.628	ug/l	99
85) sec-Butylbenzene	11.94	105	574764	50.971	ug/l	100
86) p-Isopropyltoluene	12.06	119	519954	50.154	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	249225	48.092	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	247011	47.021	ug/l	100
89) n-Butylbenzene	12.38	91	498015	51.581	ug/l	100
90) Hexachloroethane	12.60	117	87143	50.958	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	241432	47.180	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43362	44.416	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
Data File : VX009031.D
Acq On : 18 Apr 2019 09:48
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
4/19/2019 9:11:50 AM

Quant Time: Apr 19 04:23:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	180034	48.737	ug/l	100
94) Hexachlorobutadiene	13.78	225	91524	49.677	ug/l	100
95) Naphthalene	13.83	128	557213	47.082	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	177317	48.650	ug/l	100

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

