

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091919\
 Data File : VX012517.D
 Acq On : 19 Sep 2019 10:30
 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
 9/20/2019 11:43:37 AM

Quant Time: Sep 20 04:46:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	205522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	333037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	300807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	148206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	148000	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	5.48	113	110321	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	
50) Toluene-d8	8.71	98	404917	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	11.13	95	166116	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	68034	49.620	ug/l	98
3) Chloromethane	1.32	50	54139	47.915	ug/l	98
4) Vinyl Chloride	1.40	62	60321	49.394	ug/l	100
5) Bromomethane	1.63	94	21139	44.059	ug/l	94
6) Chloroethane	1.71	64	43303	45.313	ug/l	93
7) Trichlorofluoromethane	1.92	101	117080	52.299	ug/l	99
8) Diethyl Ether	2.18	74	48075	47.545	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81967	50.605	ug/l	99
10) Methyl Iodide	2.50	142	60808	44.303	ug/l	97
11) Tert butyl alcohol	3.03	59	157458	209.854	ug/l	100
12) 1,1-Dichloroethene	2.36	96	62950	48.718	ug/l	95
13) Acrolein	2.28	56	54010	208.539	ug/l	100
14) Allyl chloride	2.72	41	143009	47.539	ug/l	98
15) Acrylonitrile	3.13	53	294585	230.791	ug/l	99
16) Acetone	2.43	43	358881	267.198	ug/l	98
17) Carbon Disulfide	2.56	76	79397	43.685	ug/l	98
18) Methyl Acetate	2.76	43	139734	45.526	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	342855	48.665	ug/l	98
20) Methylene Chloride	2.84	84	84975	47.668	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	66384	49.474	ug/l	95
22) Diisopropyl ether	3.84	45	342006	48.555	ug/l	95
23) Vinyl Acetate	3.80	43	1421865	245.398	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167678	49.755	ug/l	98
25) 2-Butanone	4.65	43	474667	232.314	ug/l	99
26) 2,2-Dichloropropane	4.56	77	158421	47.797	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	98802	49.292	ug/l	98
28) Bromochloromethane	5.00	49	83103	47.831	ug/l	95
29) Tetrahydrofuran	5.11	42	258526	229.037	ug/l	100
30) Chloroform	5.20	83	185185	47.846	ug/l	98
31) Cyclohexane	5.57	56	100589	49.444	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	157837	48.792	ug/l	99
36) 1,1-Dichloropropene	5.78	75	105002	51.877	ug/l	99
37) Ethyl Acetate	4.81	43	156493	50.369	ug/l	100
38) Carbon Tetrachloride	5.77	117	128712	51.130	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091919\
 Data File : VX012517.D
 Acq On : 19 Sep 2019 10:30
 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
 9/20/2019 11:43:37 AM

Quant Time: Sep 20 04:46:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	107822	54.798	ug/l	99
40) Benzene	6.13	78	331143	51.449	ug/l	98
41) Methacrylonitrile	5.03	41	94807	47.391	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148090	49.607	ug/l	100
43) Isopropyl Acetate	6.43	43	271082	48.613	ug/l	99
44) Trichloroethene	7.20	130	90520	53.464	ug/l	93
45) 1,2-Dichloropropane	7.51	63	100109	50.626	ug/l	96
46) Dibromomethane	7.65	93	66176	51.715	ug/l	96
47) Bromodichloromethane	7.89	83	146523	51.426	ug/l	100
48) Methyl methacrylate	7.76	41	127847	48.637	ug/l	98
49) 1,4-Dioxane	7.73	88	59651	932.397	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	868469	237.488	ug/l	99
52) Toluene	8.78	92	217704	52.492	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	153773	51.920	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	159575	52.043	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	107461	50.293	ug/l	99
56) Ethyl methacrylate	9.17	69	169430	50.716	ug/l	99
57) 1,3-Dichloropropane	9.37	76	175651	51.523	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	447613	258.841	ug/l	100
59) 2-Hexanone	9.48	43	687419	240.947	ug/l	99
60) Dibromochloromethane	9.57	129	116250	53.412	ug/l	99
61) 1,2-Dibromoethane	9.67	107	103485	53.029	ug/l	99
64) Tetrachloroethene	9.33	164	80685	58.535	ug/l	93
65) Chlorobenzene	10.14	112	258160	51.998	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	108268	52.544	ug/l	99
67) Ethyl Benzene	10.24	91	450690	52.837	ug/l	99
68) m/p-Xylenes	10.35	106	333775	107.545	ug/l	98
69) o-Xylene	10.70	106	169941	53.244	ug/l	99
70) Styrene	10.71	104	304772	53.969	ug/l	98
71) Bromoform	10.85	173	81878	46.372	ug/l #	99
73) Isopropylbenzene	11.01	105	479485	51.563	ug/l	98
74) N-amyl acetate	10.89	43	245664	49.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	176557	48.401	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	144735m	42.514	ug/l	
77) Bromobenzene	11.25	156	117498	51.810	ug/l	98
78) n-propylbenzene	11.35	91	542196	52.314	ug/l	99
79) 2-Chlorotoluene	11.42	91	334460	49.605	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	412407	52.002	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56297	45.684	ug/l	99
82) 4-Chlorotoluene	11.51	91	400324	51.733	ug/l	99
83) tert-Butylbenzene	11.77	119	427590	50.317	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	425146	52.211	ug/l	99
85) sec-Butylbenzene	11.94	105	489329	52.256	ug/l	99
86) p-Isopropyltoluene	12.06	119	457040	53.153	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	224569	52.641	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	226985	51.798	ug/l	100
89) n-Butylbenzene	12.38	91	399055	52.014	ug/l	99
90) Hexachloroethane	12.59	117	81740	51.844	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	228226	51.186	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46185	48.836	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091919\
Data File : VX012517.D
Acq On : 19 Sep 2019 10:30
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
9/20/2019 11:43:37 AM

Quant Time: Sep 20 04:46:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	157644	54.890	ug/l	99
94) Hexachlorobutadiene	13.78	225	67637	49.968	ug/l	99
95) Naphthalene	13.83	128	545180	53.349	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	160158	54.724	ug/l	99

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

