

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\
 Data File : VX004968.D
 Acq On : 03 Oct 2018 14:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:43 PM

Quant Time: Oct 04 01:34:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	277249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	399354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233411	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	177823	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	5.50	113	149516	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
50) Toluene-d8	8.71	98	573618	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	215671	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	195727	51.777	ug/l	97
3) Chloromethane	1.32	50	204290	44.544	ug/l	99
4) Vinyl Chloride	1.40	62	209828	48.780	ug/l	99
5) Bromomethane	1.64	94	132626	51.995	ug/l	94
6) Chloroethane	1.71	64	121107	51.743	ug/l	97
7) Trichlorofluoromethane	1.92	101	271570	50.997	ug/l	93
8) Diethyl Ether	2.19	74	112270	48.530	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	161210	53.145	ug/l	99
10) Methyl Iodide	2.50	142	160810	39.616	ug/l	93
11) Tert butyl alcohol	3.08	59	257680	232.690	ug/l	99
12) 1,1-Dichloroethene	2.37	96	146602	48.801	ug/l	98
13) Acrolein	2.29	56	130096	165.116	ug/l	92
14) Allyl chloride	2.72	41	327517	49.967	ug/l	96
15) Acrylonitrile	3.15	53	598830	245.644	ug/l	96
16) Acetone	2.45	43	564160	243.991	ug/l	91
17) Carbon Disulfide	2.56	76	399312	44.236	ug/l	98
18) Methyl Acetate	2.78	43	327066	55.830	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	544633	52.560	ug/l	97
20) Methylene Chloride	2.85	84	171296	50.969	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	158977	48.343	ug/l	85
22) Diisopropyl ether	3.87	45	563584	51.061	ug/l	95
23) Vinyl Acetate	3.82	43	2453391	242.832	ug/l	99
24) 1,1-Dichloroethane	3.69	63	316244	48.032	ug/l	100
25) 2-Butanone	4.70	43	824380	241.876	ug/l	98
26) 2,2-Dichloropropane	4.58	77	241636	52.704	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	177541	48.328	ug/l	95
28) Bromochloromethane	5.01	49	136456	44.011	ug/l	100
29) Tetrahydrofuran	5.15	42	524961	247.814	ug/l	99
30) Chloroform	5.21	83	289264	46.487	ug/l	99
31) Cyclohexane	5.57	56	272779	54.132	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	247056	48.616	ug/l	95
36) 1,1-Dichloropropene	5.79	75	219919	47.624	ug/l	95
37) Ethyl Acetate	4.85	43	286643	46.763	ug/l	99
38) Carbon Tetrachloride	5.78	117	213646	44.013	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004968.D
 Acq On : 03 Oct 2018 14:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:43 PM

Quant Time: Oct 04 01:34:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	277227	58.793	ug/l #	86
40) Benzene	6.14	78	663549	45.898	ug/l	94
41) Methacrylonitrile	5.06	41	160309	47.158	ug/l	97
42) 1,2-Dichloroethane	6.20	62	228148	44.641	ug/l	98
43) Isopropyl Acetate	6.46	43	433194	48.963	ug/l	95
44) Trichloroethene	7.21	130	182961	51.481	ug/l	99
45) 1,2-Dichloropropane	7.52	63	178387	50.316	ug/l	99
46) Dibromomethane	7.66	93	113721	51.040	ug/l	99
47) Bromodichloromethane	7.90	83	212404	50.917	ug/l	98
48) Methyl methacrylate	7.77	41	225765	56.221	ug/l	98
49) 1,4-Dioxane	7.76	88	96506	967.337	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1520863	273.013	ug/l	98
52) Toluene	8.79	92	416329	52.409	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	252383	53.539	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	273267	55.344	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	171559	49.303	ug/l	96
56) Ethyl methacrylate	9.18	69	280642	49.718	ug/l	96
57) 1,3-Dichloropropane	9.37	76	291527	50.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	749117	249.861	ug/l	99
59) 2-Hexanone	9.50	43	1225109	263.910	ug/l	97
60) Dibromochloromethane	9.59	129	174530	50.153	ug/l	98
61) 1,2-Dibromoethane	9.67	107	180857	48.532	ug/l	97
64) Tetrachloroethene	9.34	164	184664	49.857	ug/l	96
65) Chlorobenzene	10.14	112	470263	48.731	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	167552	49.388	ug/l	98
67) Ethyl Benzene	10.26	91	801612	52.322	ug/l	97
68) m/p-Xylenes	10.36	106	626818	104.698	ug/l	95
69) o-Xylene	10.70	106	300542	54.654	ug/l	99
70) Styrene	10.71	104	509145	49.526	ug/l	100
71) Bromoform	10.86	173	142496	49.061	ug/l	96
73) Isopropylbenzene	11.02	105	816069	55.469	ug/l	99
74) N-amyl acetate	10.90	43	388111	48.065	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	283985	47.419	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	261504m	49.986	ug/l	
77) Bromobenzene	11.26	156	215489	50.427	ug/l	100
78) n-propylbenzene	11.36	91	944135	55.930	ug/l	100
79) 2-Chlorotoluene	11.42	91	560643	53.283	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	698338	51.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	86152	45.116	ug/l	97
82) 4-Chlorotoluene	11.51	91	664972	53.693	ug/l	100
83) tert-Butylbenzene	11.77	119	684207	56.485	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	718700	51.690	ug/l	100
85) sec-Butylbenzene	11.94	105	835194	56.608	ug/l	100
86) p-Isopropyltoluene	12.07	119	759991	56.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	401656	50.336	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	409458	49.709	ug/l	99
89) n-Butylbenzene	12.39	91	691336	56.947	ug/l	99
90) Hexachloroethane	12.60	117	111657	50.169	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	406229	48.715	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64278	48.882	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX004968.D
Acq On : 03 Oct 2018 14:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/5/2018 3:24:43 PM

Quant Time: Oct 04 01:34:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	318301	54.414	ug/l	100
94) Hexachlorobutadiene	13.79	225	156993	51.756	ug/l	99
95) Naphthalene	13.83	128	987216	50.836	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	321479	53.201	ug/l	99

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

