

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002547.D
 Acq On : 14 Jun 2018 10:04
 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
 6/15/2018 1:11:49 PM

Quant Time: Jun 15 01:41:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	431375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194586	42.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.62%	
35) Dibromofluoromethane	5.51	113	156621	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
50) Toluene-d8	8.72	98	580906	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	
62) 4-Bromofluorobenzene	11.14	95	228851	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137336	42.045	ug/l	98
3) Chloromethane	1.32	50	156436	41.299	ug/l	99
4) Vinyl Chloride	1.40	62	167049	40.579	ug/l	99
5) Bromomethane	1.64	94	87665	36.745	ug/l	98
6) Chloroethane	1.72	64	117018	43.943	ug/l	99
7) Trichlorofluoromethane	1.93	101	297067	47.362	ug/l	98
8) Diethyl Ether	2.19	74	110095	49.363	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	175308	51.793	ug/l	99
10) Methyl Iodide	2.51	142	186964	39.271	ug/l	100
11) Tert butyl alcohol	3.07	59	206248	221.729	ug/l	99
12) 1,1-Dichloroethene	2.37	96	147854	44.201	ug/l	98
13) Acrolein	2.29	56	65177	141.869	ug/l	100
14) Allyl chloride	2.73	41	302379	41.654	ug/l	98
15) Acrylonitrile	3.15	53	455335	237.623	ug/l	100
16) Acetone	2.45	43	470064	242.684	ug/l	100
17) Carbon Disulfide	2.57	76	308918	35.039	ug/l	98
18) Methyl Acetate	2.78	43	220952	49.032	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	587433	50.452	ug/l	99
20) Methylene Chloride	2.85	84	168949	47.410	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	158217	42.891	ug/l	97
22) Diisopropyl ether	3.87	45	585568	48.232	ug/l	97
23) Vinyl Acetate	3.82	43	2460028	209.043	ug/l	99
24) 1,1-Dichloroethane	3.70	63	318298	44.364	ug/l	100
25) 2-Butanone	4.71	43	655973	212.918	ug/l	99
26) 2,2-Dichloropropane	4.59	77	251759	44.890	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	180214	44.923	ug/l	93
28) Bromochloromethane	5.02	49	153498	50.327	ug/l	96
29) Tetrahydrofuran	5.16	42	405380	204.082	ug/l	98
30) Chloroform	5.21	83	312648	45.159	ug/l	99
31) Cyclohexane	5.57	56	260423	45.902	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	271597	46.257	ug/l	99
36) 1,1-Dichloropropene	5.80	75	224009	49.396	ug/l	99
37) Ethyl Acetate	4.86	43	253826	46.541	ug/l	100
38) Carbon Tetrachloride	5.79	117	234055	49.334	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002547.D
 Acq On : 14 Jun 2018 10:04
 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
 6/15/2018 1:11:49 PM

Quant Time: Jun 15 01:41:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	274816	49.055	ug/l	98
40) Benzene	6.15	78	661514	47.574	ug/l	99
41) Methacrylonitrile	5.06	41	145072	46.467	ug/l	98
42) 1,2-Dichloroethane	6.20	62	257160	46.548	ug/l	99
43) Isopropyl Acetate	6.47	43	430411	46.464	ug/l	99
44) Trichloroethene	7.21	130	198228	51.365	ug/l	99
45) 1,2-Dichloropropane	7.52	63	180817	48.168	ug/l	98
46) Dibromomethane	7.66	93	117636	46.227	ug/l	97
47) Bromodichloromethane	7.90	83	220211	47.847	ug/l	98
48) Methyl methacrylate	7.78	41	215857	46.390	ug/l	98
49) 1,4-Dioxane	7.76	88	78584	903.248	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1357681	235.352	ug/l	99
52) Toluene	8.79	92	426603	48.238	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	271370	49.167	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	253694	48.720	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	178958	49.200	ug/l	98
56) Ethyl methacrylate	9.18	69	282387	48.627	ug/l	98
57) 1,3-Dichloropropane	9.38	76	292043	47.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	660794	245.851	ug/l	98
59) 2-Hexanone	9.50	43	1054796	236.725	ug/l	98
60) Dibromochloromethane	9.59	129	181013	49.476	ug/l	99
61) 1,2-Dibromoethane	9.68	107	183101	48.278	ug/l	99
64) Tetrachloroethene	9.34	164	216958	51.694	ug/l	99
65) Chlorobenzene	10.14	112	500551	49.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	184299	50.265	ug/l	99
67) Ethyl Benzene	10.26	91	866447	51.129	ug/l	99
68) m/p-Xylenes	10.37	106	666415	101.165	ug/l	99
69) o-Xylene	10.70	106	326522	49.809	ug/l	100
70) Styrene	10.71	104	550826	51.399	ug/l	100
71) Bromoform	10.86	173	138463	42.708	ug/l #	100
73) Isopropylbenzene	11.02	105	903050	49.642	ug/l	99
74) N-amyl acetate	6.47	43	430411	43.910	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	257211	44.956	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	259531m	45.230	ug/l	
77) Bromobenzene	11.26	156	245647	48.100	ug/l	98
78) n-propylbenzene	11.37	91	1049392	51.901	ug/l	100
79) 2-Chlorotoluene	11.43	91	609520	47.742	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	769354	49.308	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	74346	45.418	ug/l	97
82) 4-Chlorotoluene	11.52	91	728634	49.445	ug/l	99
83) tert-Butylbenzene	11.77	119	756364	49.780	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	795459	49.526	ug/l	100
85) sec-Butylbenzene	11.95	105	943408	52.963	ug/l	99
86) p-Isopropyltoluene	12.07	119	862361	53.151	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	456505	49.993	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	462376	49.125	ug/l	99
89) n-Butylbenzene	12.39	91	777602	57.145	ug/l	100
90) Hexachloroethane	12.60	117	123245	47.586	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	455905	48.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58651	46.877	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061418\
Data File : VX002547.D
Acq On : 14 Jun 2018 10:04
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
6/15/2018 1:11:49 PM

Quant Time: Jun 15 01:41:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	355429	53.652	ug/l	100
94) Hexachlorobutadiene	13.79	225	186115	56.853	ug/l	99
95) Naphthalene	13.84	128	946345	49.718	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	352060	52.109	ug/l	100

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

