

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002757.D
 Acq On : 20 Jun 2018 22:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:08:46 AM

Quant Time: Jun 21 06:37:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155758	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	5.51	113	126111	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	8.72	98	452883	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
62) 4-Bromofluorobenzene	11.14	95	177049	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	118435	47.32	ug/l	98
3) Chloromethane	1.32	50	116570	39.16	ug/l	99
4) Vinyl Chloride	1.40	62	133551	43.23	ug/l	89
5) Bromomethane	1.64	94	46995	25.21	ug/l	100
6) Chloroethane	1.71	64	86619	42.54	ug/l	100
7) Trichlorofluoromethane	1.92	101	236500	47.12	ug/l	97
8) Diethyl Ether	2.19	74	83402	43.69	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129623	46.20	ug/l	99
10) Methyl Iodide	2.51	142	98401	28.48	ug/l	99
11) Tert butyl alcohol	3.09	59	174835	236.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	118495	44.98	ug/l	98
13) Acrolein	2.30	56	88868	255.80	ug/l	100
14) Allyl chloride	2.73	41	232713	44.49	ug/l	100
15) Acrylonitrile	3.15	53	371645	229.97	ug/l	100
16) Acetone	2.45	43	349736	221.28	ug/l	100
17) Carbon Disulfide	2.57	76	337703	54.05	ug/l	99
18) Methyl Acetate	2.78	43	204906	48.66	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	434169	43.94	ug/l	100
20) Methylene Chloride	2.86	84	132034	40.74	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	127805	44.72	ug/l	98
22) Diisopropyl ether	3.88	45	433441	45.81	ug/l	98
23) Vinyl Acetate	3.83	43	1883841	237.86	ug/l	99
24) 1,1-Dichloroethane	3.70	63	248241	48.34	ug/l	99
25) 2-Butanone	4.71	43	518227	249.67	ug/l	97
26) 2,2-Dichloropropane	4.59	77	143928	39.00	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	138729	47.71	ug/l	94
28) Bromochloromethane	5.03	49	106020	44.08	ug/l	94
29) Tetrahydrofuran	5.17	42	338541	248.86	ug/l	97
30) Chloroform	5.22	83	246089	49.69	ug/l	98
31) Cyclohexane	5.57	56	203323	48.08	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	218729	52.81	ug/l	100
36) 1,1-Dichloropropene	5.80	75	174261	50.27	ug/l	99
37) Ethyl Acetate	4.87	43	203189	51.78	ug/l	100
38) Carbon Tetrachloride	5.79	117	198548	57.52	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002757.D
 Acq On : 20 Jun 2018 22:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:08:46 AM

Quant Time: Jun 21 06:37:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201770	49.79	ug/l	96
40) Benzene	6.15	78	515993	49.64	ug/l	98
41) Methacrylonitrile	5.07	41	114138	51.52	ug/l	98
42) 1,2-Dichloroethane	6.20	62	204185	50.74	ug/l	100
43) Isopropyl Acetate	6.47	43	327287	50.34	ug/l	99
44) Trichloroethene	7.22	130	150828	50.27	ug/l	99
45) 1,2-Dichloropropane	7.52	63	135339	49.47	ug/l	100
46) Dibromomethane	7.66	93	95210	52.03	ug/l	98
47) Bromodichloromethane	7.90	83	184121	57.04	ug/l	98
48) Methyl methacrylate	7.78	41	169449	51.01	ug/l	98
49) 1,4-Dioxane	7.76	88	68809	1093.73	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1095395	262.43	ug/l	99
52) Toluene	8.79	92	335101	50.54	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	204033	47.86	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	190943	47.05	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	138607	51.73	ug/l	98
56) Ethyl methacrylate	9.19	69	214213	51.95	ug/l	97
57) 1,3-Dichloropropane	9.38	76	226253	49.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	437883	219.57	ug/l	98
59) 2-Hexanone	9.50	43	843149	268.06	ug/l	98
60) Dibromochloromethane	9.59	129	156286	51.72	ug/l	100
61) 1,2-Dibromoethane	9.68	107	148709	53.59	ug/l	99
64) Tetrachloroethene	9.34	164	161822	45.84	ug/l	98
65) Chlorobenzene	10.14	112	390270	49.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	146637	55.07	ug/l	99
67) Ethyl Benzene	10.26	91	663413	50.36	ug/l	98
68) m/p-Xylenes	10.37	106	517244	101.79	ug/l	99
69) o-Xylene	10.70	106	253780	50.83	ug/l	98
70) Styrene	10.72	104	425452	51.82	ug/l	99
71) Bromoform	10.86	173	123393	50.82	ug/l #	98
73) Isopropylbenzene	11.02	105	684945	50.36	ug/l	100
74) N-amyl acetate	6.47	43	327287	48.43	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	220656	54.93	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	204294m	53.23	ug/l	
77) Bromobenzene	11.26	156	191058	50.42	ug/l	97
78) n-propylbenzene	11.37	91	776744	49.79	ug/l	99
79) 2-Chlorotoluene	11.43	91	460907	49.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	579503	50.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	47244	40.28	ug/l	99
82) 4-Chlorotoluene	11.52	91	549711	50.02	ug/l	99
83) tert-Butylbenzene	11.77	119	578499	52.24	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	600090	51.16	ug/l	100
85) sec-Butylbenzene	11.95	105	685727	49.80	ug/l	99
86) p-Isopropyltoluene	12.07	119	628819	50.47	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	345636	49.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	349859	49.48	ug/l	99
89) n-Butylbenzene	12.39	91	535084	48.69	ug/l	100
90) Hexachloroethane	12.60	117	87786	45.46	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	352819	50.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49880	59.29	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
Data File : VX002757.D
Acq On : 20 Jun 2018 22:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
6/22/2018 8:08:46 AM

Quant Time: Jun 21 06:37:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	256700	50.57	ug/l	99
94) Hexachlorobutadiene	13.79	225	128838	48.18	ug/l	99
95) Naphthalene	13.84	128	737118	53.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	261268	51.25	ug/l	100

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

