

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003242.D
 Acq On : 09 Jul 2018 12:43
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:44 PM

Quant Time: Jul 09 15:09:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	318509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213634	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196286	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
35) Dibromofluoromethane	5.51	113	164547	65.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.48%	
50) Toluene-d8	8.72	98	611975	66.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.88%	
62) 4-Bromofluorobenzene	11.14	95	229014	64.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	198163	78.65	ug/l	100
3) Chloromethane	1.32	50	169136	63.93	ug/l	99
4) Vinyl Chloride	1.41	62	175743	61.26	ug/l	100
5) Bromomethane	1.64	94	54341	30.69	ug/l	100
6) Chloroethane	1.71	64	97545	51.12	ug/l	98
7) Trichlorofluoromethane	1.93	101	258180	53.35	ug/l	99
8) Diethyl Ether	2.19	74	91594	52.07	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	150101	53.53	ug/l	96
10) Methyl Iodide	2.51	142	160939	61.58	ug/l	97
11) Tert butyl alcohol	3.09	59	180134	257.91	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133518	53.37	ug/l	89
13) Acrolein	2.29	56	143203	345.34	ug/l	99
14) Allyl chloride	2.73	41	253887	51.48	ug/l	94
15) Acrylonitrile	3.15	53	382339	256.29	ug/l	99
16) Acetone	2.45	43	336582	231.81	ug/l	96
17) Carbon Disulfide	2.57	76	376840	56.54	ug/l	99
18) Methyl Acetate	2.78	43	197114	48.56	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	454220	50.50	ug/l	98
20) Methylene Chloride	2.85	84	148099	52.41	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	145570	53.43	ug/l	93
22) Diisopropyl ether	3.88	45	516343	54.78	ug/l	98
23) Vinyl Acetate	3.83	43	2259410	283.07	ug/l	97
24) 1,1-Dichloroethane	3.70	63	264988	51.72	ug/l	99
25) 2-Butanone	4.71	43	615101	285.45	ug/l	95
26) 2,2-Dichloropropane	4.59	77	234922	56.39	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	182289	59.67	ug/l	92
28) Bromochloromethane	5.03	49	139781	57.00	ug/l	85
29) Tetrahydrofuran	5.17	42	394886	285.76	ug/l	94
30) Chloroform	5.22	83	303491	57.72	ug/l	97
31) Cyclohexane	5.57	56	255676	58.15	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	265135	57.31	ug/l	98
36) 1,1-Dichloropropene	5.80	75	219286	62.78	ug/l	98
37) Ethyl Acetate	4.87	43	234826	62.44	ug/l	97
38) Carbon Tetrachloride	5.78	117	243667	63.57	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003242.D
 Acq On : 09 Jul 2018 12:43
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:44 PM

Quant Time: Jul 09 15:09:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	257737	63.35	ug/l	97
40) Benzene	6.15	78	645781	63.63	ug/l	100
41) Methacrylonitrile	5.07	41	133005	61.42	ug/l	95
42) 1,2-Dichloroethane	6.20	62	237737	57.99	ug/l	97
43) Isopropyl Acetate	6.47	43	379387	60.15	ug/l	97
44) Trichloroethene	7.21	130	192435	63.60	ug/l	99
45) 1,2-Dichloropropane	7.52	63	164326	61.04	ug/l	100
46) Dibromomethane	7.67	93	115157	61.64	ug/l	94
47) Bromodichloromethane	7.90	83	218236	63.19	ug/l	97
48) Methyl methacrylate	7.78	41	199728	61.46	ug/l	93
49) 1,4-Dioxane	7.76	88	82211	1300.22	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1225103	310.45	ug/l	97
52) Toluene	8.79	92	416976	64.14	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	261788	66.93	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	239009	63.50	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	168603	63.11	ug/l	98
56) Ethyl methacrylate	9.18	69	245337	62.83	ug/l	91
57) 1,3-Dichloropropane	9.38	76	274001	62.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	616822	327.46	ug/l	96
59) 2-Hexanone	9.50	43	936206	312.16	ug/l	95
60) Dibromochloromethane	9.59	129	187180	66.56	ug/l	99
61) 1,2-Dibromoethane	9.68	107	180065	64.26	ug/l	99
64) Tetrachloroethene	9.34	164	214719	65.12	ug/l	98
65) Chlorobenzene	10.14	112	482909	64.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	180551	65.99	ug/l	99
67) Ethyl Benzene	10.26	91	810703	65.16	ug/l	100
68) m/p-Xylenes	10.36	106	638167	133.08	ug/l	96
69) o-Xylene	10.70	106	307300	65.81	ug/l	97
70) Styrene	10.71	104	506527	66.76	ug/l	98
71) Bromoform	10.86	173	150627	70.04	ug/l	100
73) Isopropylbenzene	11.02	105	829661	57.73	ug/l	99
74) N-amyl acetate	6.47	43	379387	53.95	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	248960	56.24	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	220356m	56.94	ug/l	
77) Bromobenzene	11.26	156	236444	57.77	ug/l	94
78) n-propylbenzene	11.36	91	943061	57.65	ug/l	98
79) 2-Chlorotoluene	11.43	91	556659	56.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	704608	58.21	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	72660	63.69	ug/l	94
82) 4-Chlorotoluene	11.51	91	656897	56.03	ug/l	98
83) tert-Butylbenzene	11.77	119	698733	58.57	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	729850	58.19	ug/l	98
85) sec-Butylbenzene	11.95	105	829124	57.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	764667	58.77	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	425307	56.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	431645	56.11	ug/l	99
89) n-Butylbenzene	12.39	91	635760	56.14	ug/l	99
90) Hexachloroethane	12.60	117	113720	58.76	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	430700	57.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56267	56.54	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
Data File : VX003242.D
Acq On : 09 Jul 2018 12:43
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
7/10/2018 3:11:44 PM

Quant Time: Jul 09 15:09:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 14:57:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	321085	58.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	156917	57.30	ug/l	99
95) Naphthalene	13.84	128	889183	60.80	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	325243	59.30	ug/l	100

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

