

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003243.D
 Acq On : 09 Jul 2018 13:09
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:45 PM

Quant Time: Jul 09 15:13:26 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	267285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224333	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	394938	106.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.80%	
35) Dibromofluoromethane	5.51	113	345949	131.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	262.26%	
50) Toluene-d8	8.72	98	1257478	130.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.04%	
62) 4-Bromofluorobenzene	11.14	95	477693	128.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	402481	151.60	ug/l	98
3) Chloromethane	1.32	50	326550	117.15	ug/l	99
4) Vinyl Chloride	1.40	62	360121	119.14	ug/l	99
5) Bromomethane	1.64	94	118715	63.62	ug/l	100
6) Chloroethane	1.71	64	202629	100.77	ug/l	99
7) Trichlorofluoromethane	1.92	101	521807	102.34	ug/l	99
8) Diethyl Ether	2.19	74	187104	100.94	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	302281	102.31	ug/l	94
10) Methyl Iodide	2.51	142	380720	138.24	ug/l	96
11) Tert butyl alcohol	3.09	59	352898	479.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	275682	104.58	ug/l	90
13) Acrolein	2.29	56	285879	654.26	ug/l	99
14) Allyl chloride	2.73	41	515276	99.16	ug/l	94
15) Acrylonitrile	3.15	53	771265	490.64	ug/l	99
16) Acetone	2.45	43	676747	442.33	ug/l	93
17) Carbon Disulfide	2.56	76	776728	110.59	ug/l	98
18) Methyl Acetate	2.78	43	393702	92.04	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	922073	97.30	ug/l	100
20) Methylene Chloride	2.86	84	294783	99.01	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	292851	102.00	ug/l	95
22) Diisopropyl ether	3.88	45	1043432	105.05	ug/l	97
23) Vinyl Acetate	3.83	43	4552843	541.32	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	533218	98.77	ug/l	100
25) 2-Butanone	4.71	43	1237181	544.87	ug/l	95
26) 2,2-Dichloropropane	4.59	77	492147	112.11	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	381183	118.41	ug/l	88
28) Bromochloromethane	5.03	49	264829	102.49	ug/l	84
29) Tetrahydrofuran	5.17	42	797512	547.71	ug/l	95
30) Chloroform	5.22	83	610197	110.14	ug/l	97
31) Cyclohexane	5.57	56	541580	116.89	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	558879	114.65	ug/l	98
36) 1,1-Dichloropropene	5.80	75	453645	124.17	ug/l	98
37) Ethyl Acetate	4.87	43	493345	125.41	ug/l	99
38) Carbon Tetrachloride	5.78	117	509640	127.12	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003243.D
 Acq On : 09 Jul 2018 13:09
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:45 PM

Quant Time: Jul 09 15:13:26 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	545574	128.20	ug/l	95
40) Benzene	6.15	78	1334899	125.75	ug/l	100
41) Methacrylonitrile	5.07	41	273861	120.90	ug/l	96
42) 1,2-Dichloroethane	6.20	62	483860	112.84	ug/l	98
43) Isopropyl Acetate	6.47	43	797308	120.85	ug/l	97
44) Trichloroethene	7.21	130	397390	125.56	ug/l	100
45) 1,2-Dichloropropane	7.52	63	343811	122.10	ug/l	100
46) Dibromomethane	7.67	93	236490	121.02	ug/l	94
47) Bromodichloromethane	7.90	83	459278	127.13	ug/l	98
48) Methyl methacrylate	7.78	41	415711	122.29	ug/l	93
49) 1,4-Dioxane	7.76	88	163461	2471.59	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	2493945	604.20	ug/l	96
52) Toluene	8.79	92	864049	127.06	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	554047	135.42	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	521783	132.54	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	347660	124.41	ug/l	98
56) Ethyl methacrylate	9.18	69	523109	128.09	ug/l	91
57) 1,3-Dichloropropane	9.38	76	565760	123.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1285689	652.54	ug/l	96
59) 2-Hexanone	9.50	43	1927148	614.32	ug/l	95
60) Dibromochloromethane	9.59	129	400341	136.09	ug/l	100
61) 1,2-Dibromoethane	9.68	107	375599	128.14	ug/l	100
64) Tetrachloroethene	9.34	164	435522	126.51	ug/l	99
65) Chlorobenzene	10.14	112	999137	127.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	377886	132.28	ug/l	100
67) Ethyl Benzene	10.26	91	1685453	129.75	ug/l	100
68) m/p-Xylenes	10.36	106	1329439	265.55	ug/l	96
69) o-Xylene	10.70	106	641873	131.67	ug/l	96
70) Styrene	10.71	104	1057960	133.56	ug/l	98
71) Bromoform	10.86	173	336071	149.69	ug/l	100
73) Isopropylbenzene	11.02	105	1743804	115.55	ug/l	99
74) N-amyl acetate	6.47	43	797308	107.98	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	514264	110.62	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	450484m	110.86	ug/l	
77) Bromobenzene	11.26	156	491209	114.30	ug/l	95
78) n-propylbenzene	11.37	91	1973251	114.87	ug/l	98
79) 2-Chlorotoluene	11.43	91	1154010	110.96	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1480863	116.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	164163	137.03	ug/l	91
82) 4-Chlorotoluene	11.51	91	1372795	111.50	ug/l	97
83) tert-Butylbenzene	11.77	119	1470057	117.35	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	1514426	114.99	ug/l	97
85) sec-Butylbenzene	11.95	105	1743419	114.72	ug/l	99
86) p-Isopropyltoluene	12.07	119	1603014	117.33	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	897063	114.28	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	900877	111.53	ug/l	98
89) n-Butylbenzene	12.39	91	1362790	114.60	ug/l	98
90) Hexachloroethane	12.60	117	258599	127.25	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	886310	111.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	117849	112.77	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
Data File : VX003243.D
Acq On : 09 Jul 2018 13:09
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
7/10/2018 3:11:45 PM

Quant Time: Jul 09 15:13:26 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	681461	118.19	ug/l	100
94) Hexachlorobutadiene	13.79	225	330165	114.81	ug/l	99
95) Naphthalene	13.83	128	1840370	119.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	671716	116.64	ug/l	99

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

