

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002593.D
 Acq On : 15 Jun 2018 11:36
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:11:56 PM

Quant Time: Jun 16 01:25:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 14:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	407419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238843	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	5289	1.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.24%	
35) Dibromofluoromethane	5.51	113	3678	1.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.10%	
50) Toluene-d8	8.71	98	13507	1.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.04%	
62) 4-Bromofluorobenzene	11.14	95	5169	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3409	1.03	ug/l	100
3) Chloromethane	1.32	50	4442	1.13	ug/l	100
4) Vinyl Chloride	1.40	62	4192	1.03	ug/l	97
5) Bromomethane	1.64	94	2729	1.11	ug/l	88
6) Chloroethane	1.73	64	2859	1.06	ug/l	97
7) Trichlorofluoromethane	1.93	101	6713	1.01	ug/l	95
8) Diethyl Ether	2.19	74	2488	0.99	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4030	1.09	ug/l	95
12) 1,1-Dichloroethene	2.38	96	3543	1.02	ug/l	83
14) Allyl chloride	2.73	41	6570	0.95	ug/l	99
15) Acrylonitrile	3.15	53	10160	4.76	ug/l	97
16) Acetone	2.44	43	11587	5.56	ug/l	96
17) Carbon Disulfide	2.57	76	7854	0.95	ug/l	99
18) Methyl Acetate	2.78	43	5664	1.02	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	12719	0.98	ug/l	95
20) Methylene Chloride	2.86	84	5342	1.25	ug/l #	88
21) trans-1,2-Dichloroethene	3.17	96	3822	1.01	ug/l #	81
22) Diisopropyl ether	3.87	45	13367	1.07	ug/l	95
23) Vinyl Acetate	3.82	43	52661	5.04	ug/l	97
24) 1,1-Dichloroethane	3.70	63	7372	1.09	ug/l #	96
25) 2-Butanone	4.70	43	12767	4.66	ug/l	93
26) 2,2-Dichloropropane	4.59	77	4797	0.99	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	3928	1.02	ug/l	28
28) Bromochloromethane	5.03	49	3217	1.01	ug/l #	95
29) Tetrahydrofuran	5.17	42	8666	4.83	ug/l	97
30) Chloroform	5.21	83	5992	0.92	ug/l	97
31) Cyclohexane	5.57	56	5974	1.07	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	4820	0.88	ug/l #	37
36) 1,1-Dichloropropene	5.81	75	4905	1.06	ug/l	96
37) Ethyl Acetate	4.86	43	4955	0.94	ug/l #	88
38) Carbon Tetrachloride	5.78	117	4272	0.92	ug/l	98
39) Methylcyclohexane	7.47	83	5759	1.06	ug/l	88
40) Benzene	6.14	78	13963	1.00	ug/l	96
41) Methacrylonitrile	5.06	41	2831	0.95	ug/l #	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002593.D
 Acq On : 15 Jun 2018 11:36
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:11:56 PM

Quant Time: Jun 16 01:25:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 14:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	5318	0.99	ug/l	96
43) Isopropyl Acetate	6.47	43	8376	0.96	ug/l	98
44) Trichloroethene	7.21	130	3887	0.97	ug/l	95
45) 1,2-Dichloropropane	7.52	63	3687	1.01	ug/l	99
46) Dibromomethane	7.67	93	2323	0.95	ug/l	96
47) Bromodichloromethane	7.90	83	3577	0.83	ug/l #	88
48) Methyl methacrylate	7.78	41	4135	0.93	ug/l #	92
49) 1,4-Dioxane	7.76	88	1718	20.38	ug/l #	35
51) 4-Methyl-2-Pentanone	8.65	43	24501	4.38	ug/l	98
52) Toluene	8.79	92	8338	0.94	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	3834	3.03	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	3302	3.78	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	3246	0.90	ug/l	96
56) Ethyl methacrylate	9.18	69	4598	0.83	ug/l	93
57) 1,3-Dichloropropane	9.37	76	6033	0.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	11757	4.40	ug/l	98
59) 2-Hexanone	9.50	43	17801	4.22	ug/l	97
60) Dibromochloromethane	9.59	129	2621	4.36	ug/l	99
61) 1,2-Dibromoethane	9.68	107	3090	0.83	ug/l	97
64) Tetrachloroethene	9.34	164	4754	1.05	ug/l	96
65) Chlorobenzene	10.14	112	9991	1.00	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	2834	0.83	ug/l #	67
67) Ethyl Benzene	10.26	91	15704	0.93	ug/l	98
68) m/p-Xylenes	10.36	106	12149	1.87	ug/l	99
69) o-Xylene	10.70	106	5903	0.92	ug/l	97
70) Styrene	10.71	104	9010	0.86	ug/l	99
71) Bromoform	10.86	173	1841	5.38	ug/l #	99
73) Isopropylbenzene	11.02	105	14996	0.94	ug/l	99
74) N-amyl acetate	6.47	43	8376	1.06	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	4496	0.95	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	4658m	1.03	ug/l	
77) Bromobenzene	11.26	156	4365	0.98	ug/l	98
78) n-propylbenzene	11.36	91	17005	0.93	ug/l	100
79) 2-Chlorotoluene	11.43	91	10646	0.97	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	12092	0.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	868	4.75	ug/l #	66
82) 4-Chlorotoluene	11.51	91	11650	0.90	ug/l	97
83) tert-Butylbenzene	11.77	119	11859	0.91	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	12220	0.89	ug/l	98
85) sec-Butylbenzene	11.95	105	14669	0.91	ug/l	99
86) p-Isopropyltoluene	12.07	119	13392	0.92	ug/l	93
87) 1,3-Dichlorobenzene	12.03	146	7833	0.95	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	8155m	0.99	ug/l	
89) n-Butylbenzene	12.39	91	11934	0.92	ug/l	98
90) Hexachloroethane	12.60	117	1582	3.28	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	8083	0.98	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.01	75	763	0.77	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	5360	0.90	ug/l	99
94) Hexachlorobutadiene	13.79	225	3087	0.98	ug/l	97
95) Naphthalene	13.84	128	13119	0.82	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002593.D
Acq On : 15 Jun 2018 11:36
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
6/18/2018 5:11:56 PM

Quant Time: Jun 16 01:25:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 15 14:54:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	5479	0.92	ug/l	98

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

