

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072518\
 Data File : VX003654.D
 Acq On : 25 Jul 2018 13:12
 Operator : JC/SP
 Sample : VX0725WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:29:36 PM

Quant Time: Jul 27 04:12:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	102345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	140258	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	148152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	81792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	77569	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	5.51	113	62811	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
50) Toluene-d8	8.72	98	221106	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.14	95	81634	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	22678	19.46	ug/l	99
3) Chloromethane	1.32	50	32362	21.08	ug/l	99
4) Vinyl Chloride	1.40	62	34362	21.88	ug/l	98
5) Bromomethane	1.64	94	24008	31.66	ug/l	94
6) Chloroethane	1.72	64	21799	19.80	ug/l	96
7) Trichlorofluoromethane	1.93	101	45358	22.44	ug/l	98
8) Diethyl Ether	2.19	74	19212	21.69	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26862	21.59	ug/l	98
10) Methyl Iodide	2.51	142	30997	20.48	ug/l	99
11) Tert butyl alcohol	3.08	59	40643	112.15	ug/l	99
12) 1,1-Dichloroethene	2.37	96	25719	21.73	ug/l	95
13) Acrolein	2.29	56	18774	104.83	ug/l	97
14) Allyl chloride	2.73	41	54690	22.16	ug/l	98
15) Acrylonitrile	3.15	53	97796	111.69	ug/l	98
16) Acetone	2.45	43	76084	106.83	ug/l	98
17) Carbon Disulfide	2.57	76	72404	21.26	ug/l	99
18) Methyl Acetate	2.78	43	47784	22.21	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	92540	22.13	ug/l	97
20) Methylene Chloride	2.86	84	30827	21.84	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	28403	22.31	ug/l	99
22) Diisopropyl ether	3.88	45	92663	20.57	ug/l	92
23) Vinyl Acetate	3.83	43	399609	103.54	ug/l	100
24) 1,1-Dichloroethane	3.70	63	55988	22.05	ug/l	99
25) 2-Butanone	4.71	43	117841	107.10	ug/l	100
26) 2,2-Dichloropropane	4.59	77	37316	23.24	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	30605	22.14	ug/l	96
28) Bromochloromethane	5.02	49	20888	20.50	ug/l	99
29) Tetrahydrofuran	5.17	42	74149	103.53	ug/l	98
30) Chloroform	5.22	83	48543	21.08	ug/l	96
31) Cyclohexane	5.58	56	40919	20.07	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	39281	20.54	ug/l	97
36) 1,1-Dichloropropene	5.80	75	34915	21.30	ug/l	99
37) Ethyl Acetate	4.87	43	44988	22.82	ug/l	99
38) Carbon Tetrachloride	5.79	117	34033	21.54	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072518\
 Data File : VX003654.D
 Acq On : 25 Jul 2018 13:12
 Operator : JC/SP
 Sample : VX0725WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0725WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:29:36 PM

Quant Time: Jul 27 04:12:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	36824	20.41	ug/l	97
40) Benzene	6.15	78	104340	21.51	ug/l	99
41) Methacrylonitrile	5.07	41	24004	21.99	ug/l	98
42) 1,2-Dichloroethane	6.20	62	37715	22.09	ug/l	98
43) Isopropyl Acetate	6.47	43	58872	20.47	ug/l	99
44) Trichloroethene	7.21	130	24939	19.17	ug/l	97
45) 1,2-Dichloropropane	7.52	63	29363	23.41	ug/l	96
46) Dibromomethane	7.67	93	17024	21.13	ug/l	97
47) Bromodichloromethane	7.90	83	32004	21.19	ug/l	98
48) Methyl methacrylate	7.78	41	33080	22.67	ug/l	97
49) 1,4-Dioxane	7.76	88	14528	446.21	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	199196	102.66	ug/l	98
52) Toluene	8.79	92	60799	20.16	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	34359	20.54	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	37583	20.42	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	26041	21.13	ug/l	99
56) Ethyl methacrylate	9.18	69	37986	20.71	ug/l	94
57) 1,3-Dichloropropane	9.38	76	48608	23.48	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	97359	105.62	ug/l	98
59) 2-Hexanone	9.50	43	173014	116.24	ug/l	99
60) Dibromochloromethane	9.59	129	26727	22.86	ug/l	99
61) 1,2-Dibromoethane	9.68	107	28655	22.32	ug/l	100
64) Tetrachloroethene	9.34	164	26268	19.39	ug/l	98
65) Chlorobenzene	10.14	112	74428	19.96	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	24091	18.59	ug/l	100
67) Ethyl Benzene	10.26	91	124139	19.89	ug/l	100
68) m/p-Xylenes	10.36	106	97884	40.88	ug/l	99
69) o-Xylene	10.70	106	49165	21.33	ug/l	98
70) Styrene	10.71	104	83267	21.51	ug/l	100
71) Bromoform	10.86	173	20564	20.06	ug/l #	100
73) Isopropylbenzene	11.02	105	123931	22.18	ug/l	99
74) N-amyl acetate	6.47	43	58872	20.20	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	45838	22.21	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	39601m	23.08	ug/l	
77) Bromobenzene	11.26	156	33547	22.10	ug/l	99
78) n-propylbenzene	11.36	91	137520	21.31	ug/l	99
79) 2-Chlorotoluene	11.42	91	86019	21.93	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	101714	21.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	11597	20.94	ug/l	91
82) 4-Chlorotoluene	11.51	91	96366	20.86	ug/l	100
83) tert-Butylbenzene	11.77	119	101295	21.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	106564	21.93	ug/l	99
85) sec-Butylbenzene	11.95	105	119148	21.58	ug/l	100
86) p-Isopropyltoluene	12.07	119	100166	20.21	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	55707	19.71	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	58522	19.91	ug/l	98
89) n-Butylbenzene	12.39	91	99345	22.24	ug/l	98
90) Hexachloroethane	12.60	117	15828	21.09	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	65130	22.55	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9654	22.47	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072518\
Data File : VX003654.D
Acq On : 25 Jul 2018 13:12
Operator : JC/SP
Sample : VX0725WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Manual Integrations
APPROVED

MMDadoda
7/27/2018 5:29:36 PM

Quant Time: Jul 27 04:12:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	47636	23.12	ug/l	99
94) Hexachlorobutadiene	13.79	225	20645	21.65	ug/l	99
95) Naphthalene	13.83	128	145083	23.28	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	46788	22.35	ug/l	100

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

