

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003614.D
 Acq On : 23 Jul 2018 19:36
 Operator : JC/SP
 Sample : J4048-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:40 PM

Quant Time: Jul 24 08:27:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224829	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169701	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
35) Dibromofluoromethane	5.51	113	157901	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
50) Toluene-d8	8.72	98	581598	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.14	95	213280	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107960	50.88	ug/l	100
3) Chloromethane	1.32	50	141831	54.00	ug/l	100
4) Vinyl Chloride	1.40	62	162513	47.85	ug/l	97
5) Bromomethane	1.64	94	72940	54.19	ug/l	97
6) Chloroethane	1.72	64	106055	52.77	ug/l	99
7) Trichlorofluoromethane	1.93	101	233328	51.49	ug/l	98
8) Diethyl Ether	2.19	74	101015	51.91	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144799	48.83	ug/l	98
10) Methyl Iodide	2.51	142	205569	57.70	ug/l	93
11) Tert butyl alcohol	3.08	59	166620	266.07	ug/l	99
12) 1,1-Dichloroethene	2.37	96	141801	51.93	ug/l #	78
13) Acrolein	2.29	56	54482	192.55	ug/l	99
14) Allyl chloride	2.73	41	241840	50.03	ug/l	86
15) Acrylonitrile	3.15	53	429699	269.51	ug/l	98
16) Acetone	2.45	43	332643	278.27	ug/l #	88
17) Carbon Disulfide	2.57	76	356730	48.31	ug/l	98
18) Methyl Acetate	2.78	43	202187	53.65	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	486847	54.60	ug/l	99
20) Methylene Chloride	2.86	84	161284	55.27	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	150270	49.46	ug/l	94
22) Diisopropyl ether	3.88	45	484758	53.29	ug/l	92
23) Vinyl Acetate	3.83	43	1869456	249.51	ug/l	95
24) 1,1-Dichloroethane	3.70	63	282805	52.99	ug/l	99
25) 2-Butanone	4.71	43	545268	271.87	ug/l	92
26) 2,2-Dichloropropane	4.59	77	143759	35.47	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	175200	51.79	ug/l	91
28) Bromochloromethane	5.03	49	118391	50.75	ug/l	86
29) Tetrahydrofuran	5.17	42	365499	275.87	ug/l	91
30) Chloroform	5.22	83	284618	54.62	ug/l	98
31) Cyclohexane	5.57	56	239917	50.32	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	244938	54.89	ug/l	97
36) 1,1-Dichloropropene	5.80	75	206878	49.69	ug/l	97
37) Ethyl Acetate	4.87	43	198927	50.49	ug/l	95
38) Carbon Tetrachloride	5.78	117	220294	53.94	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003614.D
 Acq On : 23 Jul 2018 19:36
 Operator : JC/SP
 Sample : J4048-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:40 PM

Quant Time: Jul 24 08:27:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	240561	48.78	ug/l	95
40) Benzene	6.15	78	669374	53.25	ug/l	100
41) Methacrylonitrile	5.07	41	121093	52.29	ug/l	91
42) 1,2-Dichloroethane	6.20	62	213413	53.88	ug/l	94
43) Isopropyl Acetate	6.47	43	332931	53.12	ug/l #	93
44) Trichloroethene	7.22	130	190263	50.75	ug/l	100
45) 1,2-Dichloropropane	7.53	63	173704	54.42	ug/l	99
46) Dibromomethane	7.67	93	112230	54.61	ug/l	95
47) Bromodichloromethane	7.90	83	215734	57.34	ug/l	98
48) Methyl methacrylate	7.78	41	182420	57.72	ug/l	85
49) 1,4-Dioxane	7.76	88	72631	1014.21	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1179421	297.87	ug/l	92
52) Toluene	8.79	92	419319	52.99	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	242034	52.27	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	225027	54.04	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	173877	55.22	ug/l	98
56) Ethyl methacrylate	9.18	69	257135	57.98	ug/l #	83
57) 1,3-Dichloropropane	9.38	76	279202	54.86	ug/l	100
59) 2-Hexanone	9.50	43	878904	299.60	ug/l	89
60) Dibromochloromethane	9.59	129	179036	57.44	ug/l	100
61) 1,2-Dibromoethane	9.68	107	178273	54.62	ug/l	99
64) Tetrachloroethene	9.34	164	218204	48.53	ug/l	100
65) Chlorobenzene	10.14	112	480072	50.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	176630	53.99	ug/l	99
67) Ethyl Benzene	10.26	91	801694	52.44	ug/l	100
68) m/p-Xylenes	10.36	106	622469	103.86	ug/l	97
69) o-Xylene	10.70	106	301847	52.08	ug/l	97
70) Styrene	10.71	104	517213	54.25	ug/l	97
71) Bromoform	10.86	173	141186	55.55	ug/l #	99
73) Isopropylbenzene	11.02	105	814705	52.40	ug/l	99
74) N-amyl acetate	6.47	43	332931	50.43	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	250399	54.95	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	219261m	54.29	ug/l	
77) Bromobenzene	11.26	156	224447	50.19	ug/l	97
78) n-propylbenzene	11.37	91	912893	52.82	ug/l	99
79) 2-Chlorotoluene	11.43	91	541357	51.59	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	671980	52.59	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	64047	45.27	ug/l	88
82) 4-Chlorotoluene	11.51	91	632881	51.48	ug/l	98
83) tert-Butylbenzene	11.77	119	662809	52.96	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	694429	53.41	ug/l	98
85) sec-Butylbenzene	11.95	105	806236	53.04	ug/l	99
86) p-Isopropyltoluene	12.07	119	710224	52.06	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	404837	49.25	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	405669	47.90	ug/l	99
89) n-Butylbenzene	12.39	91	585318	50.53	ug/l	98
90) Hexachloroethane	12.60	117	103307	53.27	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	411687	50.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51600	58.19	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	291202	49.04	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
Data File : VX003614.D
Acq On : 23 Jul 2018 19:36
Operator : JC/SP
Sample : J4048-03MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MSD

Manual Integrations
APPROVED

MMDadoda
7/24/2018 12:37:40 PM

Quant Time: Jul 24 08:27:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	135563	47.47	ug/l	98
95) Naphthalene	13.83	128	863888	55.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297974	50.69	ug/l	99

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

