

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
 Data File : VX003522.D
 Acq On : 20 Jul 2018 21:50
 Operator : JC/SP
 Sample : VX0720WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 12:35:59 PM

Quant Time: Jul 21 03:57:50 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	278882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	405450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	193858	58.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.44%	
35) Dibromofluoromethane	5.51	113	170301	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	
50) Toluene-d8	8.72	98	641113	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
62) 4-Bromofluorobenzene	11.14	95	231039	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49746	22.066	ug/l	99
3) Chloromethane	1.32	50	65159	23.112	ug/l	97
4) Vinyl Chloride	1.40	62	72327	20.415	ug/l	99
5) Bromomethane	1.64	94	37111	25.096	ug/l	97
6) Chloroethane	1.72	64	45164	21.544	ug/l	100
7) Trichlorofluoromethane	1.93	101	99874	21.130	ug/l	99
8) Diethyl Ether	2.19	74	42695	21.032	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	62162	20.094	ug/l	99
10) Methyl Iodide	2.51	142	76652	20.626	ug/l	93
11) Tert butyl alcohol	3.07	59	80700	123.538	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60071	21.089	ug/l	88
13) Acrolein	2.29	56	27576	93.430	ug/l	98
14) Allyl chloride	2.73	41	110369	21.888	ug/l	87
15) Acrylonitrile	3.15	53	191921	115.398	ug/l	97
16) Acetone	2.45	43	148944	119.446	ug/l	# 87
17) Carbon Disulfide	2.57	76	160927	20.890	ug/l	98
18) Methyl Acetate	2.78	43	95807	24.372	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	208867	22.456	ug/l	99
20) Methylene Chloride	2.86	84	71332	22.927	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	66025	20.833	ug/l	96
22) Diisopropyl ether	3.88	45	217114	22.883	ug/l	93
23) Vinyl Acetate	3.82	43	859714	110.001	ug/l	96
24) 1,1-Dichloroethane	3.70	63	124805	22.419	ug/l	99
25) 2-Butanone	4.71	43	247768	118.427	ug/l	94
26) 2,2-Dichloropropane	4.59	77	74381	17.592	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	73830	20.922	ug/l	87
28) Bromochloromethane	5.02	49	56890	23.380	ug/l	91
29) Tetrahydrofuran	5.17	42	159240	115.219	ug/l	92
30) Chloroform	5.22	83	122671	22.566	ug/l	97
31) Cyclohexane	5.57	56	103530	20.815	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	103133	22.155	ug/l	98
36) 1,1-Dichloropropene	5.80	75	89296	20.399	ug/l	99
37) Ethyl Acetate	4.87	43	94862	22.901	ug/l	95
38) Carbon Tetrachloride	5.79	117	89156	20.764	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101508	19.578	ug/l	96
40) Benzene	6.15	78	279860	21.175	ug/l	98
41) Methacrylonitrile	5.07	41	53267	21.880	ug/l	92
42) 1,2-Dichloroethane	6.20	62	93581	22.472	ug/l	96
43) Isopropyl Acetate	6.47	43	145325	22.055	ug/l	94
44) Trichloroethene	7.21	130	80654	20.462	ug/l	94
45) 1,2-Dichloropropane	7.52	63	72476	21.596	ug/l	100
46) Dibromomethane	7.67	93	47185	21.839	ug/l	98
47) Bromodichloromethane	7.90	83	86015	21.746	ug/l	100
48) Methyl methacrylate	7.78	41	74094	22.298	ug/l	86
49) 1,4-Dioxane	7.76	88	33371	443.222	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	484215	116.318	ug/l	92
52) Toluene	8.79	92	176138	21.172	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	100788	20.702	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	90163	20.594	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	72291	21.837	ug/l	98
56) Ethyl methacrylate	9.18	69	100332	21.517	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	118057	22.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	243026	107.188	ug/l	98
59) 2-Hexanone	9.50	43	363732	117.929	ug/l	91
60) Dibromochloromethane	9.59	129	68991	21.055	ug/l	100
61) 1,2-Dibromoethane	9.68	107	73972	21.555	ug/l	100
64) Tetrachloroethene	9.34	164	97235	20.235	ug/l	95
65) Chlorobenzene	10.14	112	202534	19.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	69580	19.901	ug/l	98
67) Ethyl Benzene	10.26	91	328227	20.089	ug/l	98
68) m/p-Xylenes	10.36	106	257412	40.187	ug/l	97
69) o-Xylene	10.70	106	121513	19.618	ug/l	99
70) Styrene	10.71	104	206169	20.236	ug/l	97
71) Bromoform	10.86	173	51563	18.982	ug/l #	99
73) Isopropylbenzene	11.02	105	330222	20.662	ug/l	100
74) N-amyl acetate	6.47	43	145325	21.414	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	99132	21.166	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	91848m	22.124	ug/l	
77) Bromobenzene	11.26	156	92512	20.125	ug/l	98
78) n-propylbenzene	11.36	91	375294	21.125	ug/l	99
79) 2-Chlorotoluene	11.42	91	226072	20.962	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	279054	21.245	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23969	17.989	ug/l	97
82) 4-Chlorotoluene	11.51	91	261840	20.719	ug/l	99
83) tert-Butylbenzene	11.77	119	261814	20.354	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	283316	21.198	ug/l	98
85) sec-Butylbenzene	11.95	105	322874	20.665	ug/l	100
86) p-Isopropyltoluene	12.07	119	289399	20.640	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	168227	19.909	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	169176	19.436	ug/l	100
89) n-Butylbenzene	12.39	91	233444	19.607	ug/l	99
90) Hexachloroethane	12.60	117	37414	18.770	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	170046	20.418	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19173	21.036	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114544	18.767	ug/l	99
94) Hexachlorobutadiene	13.79	225	53833	18.340	ug/l	99
95) Naphthalene	13.83	128	330764	20.623	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	116797	19.331	ug/l	100

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

