

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003620.D
 Acq On : 23 Jul 2018 23:09
 Operator : JC/SP
 Sample : VX0723WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 3:54:54 PM

Quant Time: Jul 24 08:31:24 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	265948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220900	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	178007	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	
35) Dibromofluoromethane	5.50	113	158931	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
50) Toluene-d8	8.72	98	581142	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
62) 4-Bromofluorobenzene	11.14	95	213064	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46088	21.42	ug/l	97
3) Chloromethane	1.32	50	58404	21.65	ug/l	98
4) Vinyl Chloride	1.40	62	66711	19.75	ug/l	98
5) Bromomethane	1.64	94	35285	25.01	ug/l	100
6) Chloroethane	1.72	64	43708	21.86	ug/l	96
7) Trichlorofluoromethane	1.93	101	98177	21.78	ug/l	96
8) Diethyl Ether	2.19	74	41575	21.48	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62514	21.19	ug/l	96
10) Methyl Iodide	2.51	142	81330	22.95	ug/l	92
11) Tert butyl alcohol	3.07	59	84547	135.72	ug/l	100
12) 1,1-Dichloroethene	2.37	96	59111	21.76	ug/l	85
13) Acrolein	2.29	56	20208	71.80	ug/l	100
14) Allyl chloride	2.73	41	106546	22.16	ug/l #	86
15) Acrylonitrile	3.15	53	196871	124.13	ug/l	98
16) Acetone	2.45	43	145740	122.56	ug/l #	88
17) Carbon Disulfide	2.57	76	146392	19.93	ug/l	98
18) Methyl Acetate	2.78	43	97076	25.90	ug/l #	91
19) Methyl tert-butyl Ether	3.21	73	218319	24.61	ug/l	97
20) Methylene Chloride	2.86	84	71153	24.02	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	66206	21.91	ug/l	91
22) Diisopropyl ether	3.88	45	226742	25.06	ug/l	96
23) Vinyl Acetate	3.83	43	920018	123.44	ug/l	96
24) 1,1-Dichloroethane	3.70	63	130226	24.53	ug/l	99
25) 2-Butanone	4.71	43	267034	133.84	ug/l	92
26) 2,2-Dichloropropane	4.59	77	63289	15.70	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	77122	22.92	ug/l	90
28) Bromochloromethane	5.03	49	52330	22.55	ug/l	90
29) Tetrahydrofuran	5.17	42	172198	130.65	ug/l	92
30) Chloroform	5.22	83	128072	24.71	ug/l	98
31) Cyclohexane	5.57	56	104412	22.01	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	108138	24.36	ug/l	98
36) 1,1-Dichloropropene	5.80	75	92791	22.56	ug/l	98
37) Ethyl Acetate	4.87	43	99188	25.48	ug/l	96
38) Carbon Tetrachloride	5.78	117	95325	23.63	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	102441	21.03	ug/l	95
40) Benzene	6.15	78	291736	23.49	ug/l	99
41) Methacrylonitrile	5.07	41	56621	24.75	ug/l	92
42) 1,2-Dichloroethane	6.20	62	98033	25.05	ug/l	95
43) Isopropyl Acetate	6.47	43	155889	25.18	ug/l	94
44) Trichloroethene	7.22	130	84541	22.83	ug/l	100
45) 1,2-Dichloropropane	7.52	63	76120	24.14	ug/l	100
46) Dibromomethane	7.67	93	49266	24.27	ug/l	96
47) Bromodichloromethane	7.90	83	92532	24.90	ug/l	98
48) Methyl methacrylate	7.78	41	79028	25.31	ug/l	85
49) 1,4-Dioxane	7.76	88	37007	523.08	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	524692	134.14	ug/l	92
52) Toluene	8.79	92	184054	23.54	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	104427	22.83	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	94400	22.95	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	76984	24.75	ug/l	98
56) Ethyl methacrylate	9.18	69	108516	24.77	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	125745	25.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	224134	105.20	ug/l	97
59) 2-Hexanone	9.50	43	396905	136.95	ug/l	90
60) Dibromochloromethane	9.59	129	75309	24.46	ug/l	100
61) 1,2-Dibromoethane	9.68	107	79117	24.53	ug/l	99
64) Tetrachloroethene	9.34	164	102250	23.15	ug/l	100
65) Chlorobenzene	10.14	112	211392	22.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	75840	23.60	ug/l	99
67) Ethyl Benzene	10.26	91	344106	22.91	ug/l	100
68) m/p-Xylenes	10.36	106	269358	45.75	ug/l	96
69) o-Xylene	10.70	106	130818	22.98	ug/l	97
70) Styrene	10.71	104	220460	23.54	ug/l	97
71) Bromoform	10.86	173	57669	23.10	ug/l #	100
73) Isopropylbenzene	11.02	105	352593	23.08	ug/l	99
74) N-amyl acetate	6.47	43	155889	24.03	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	107633	24.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	97011m	24.45	ug/l	
77) Bromobenzene	11.26	156	98208	22.35	ug/l	97
78) n-propylbenzene	11.37	91	390589	23.00	ug/l	98
79) 2-Chlorotoluene	11.43	91	235708	22.86	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	290788	23.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	25432	19.71	ug/l	92
82) 4-Chlorotoluene	11.51	91	276690	22.90	ug/l	98
83) tert-Butylbenzene	11.77	119	277761	22.59	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	300302	23.51	ug/l	98
85) sec-Butylbenzene	11.95	105	344463	23.06	ug/l	100
86) p-Isopropyltoluene	12.07	119	307468	22.94	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	177127	21.93	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181061	21.76	ug/l	99
89) n-Butylbenzene	12.39	91	248613	21.84	ug/l	99
90) Hexachloroethane	12.60	117	41819	21.95	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	179538	22.55	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21448	24.62	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122513	21.00	ug/l	99
94) Hexachlorobutadiene	13.79	225	57548	20.51	ug/l	99
95) Naphthalene	13.83	128	357834	23.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128041	22.17	ug/l	100

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

