

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005186.D
 Acq On : 10 Oct 2018 04:18
 Operator : JC/MD
 Sample : VX1009WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:31:49 PM

Quant Time: Oct 10 08:23:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	142375	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	5.51	113	111707	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	8.72	98	406399	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.14	95	150427	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70612	27.165	ug/l	98
3) Chloromethane	1.32	50	75324	23.885	ug/l	99
4) Vinyl Chloride	1.40	62	73626	24.892	ug/l	99
5) Bromomethane	1.64	94	41895	23.886	ug/l	95
6) Chloroethane	1.71	64	43840	26.084	ug/l	98
7) Trichlorofluoromethane	1.93	101	98883	27.005	ug/l	97
8) Diethyl Ether	2.19	74	36550	22.977	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51200	24.547	ug/l	99
10) Methyl Iodide	2.51	142	55366	19.836	ug/l	90
11) Tert butyl alcohol	3.08	59	91060	119.586	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49952	24.182	ug/l	96
13) Acrolein	2.29	56	53633	98.995	ug/l	88
14) Allyl chloride	2.72	41	109458	24.286	ug/l	96
15) Acrylonitrile	3.15	53	208137	124.167	ug/l	97
16) Acetone	2.45	43	186418	117.250	ug/l	95
17) Carbon Disulfide	2.57	76	146355	23.579	ug/l	100
18) Methyl Acetate	2.78	43	109348	27.145	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	179445	25.185	ug/l	100
20) Methylene Chloride	2.85	84	58216	24.760	ug/l #	86
21) trans-1,2-Dichloroethene	3.16	96	54521	24.111	ug/l	84
22) Diisopropyl ether	3.87	45	181008	23.850	ug/l #	97
23) Vinyl Acetate	3.83	43	788947	113.564	ug/l	97
24) 1,1-Dichloroethane	3.70	63	103583	22.880	ug/l	99
25) 2-Butanone	4.71	43	264172	112.721	ug/l	97
26) 2,2-Dichloropropane	4.59	77	43305	13.736	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	56992	22.561	ug/l	97
28) Bromochloromethane	5.02	49	44162	20.714	ug/l	98
29) Tetrahydrofuran	5.16	42	168276	115.525	ug/l	98
30) Chloroform	5.21	83	96711	22.603	ug/l	96
31) Cyclohexane	5.57	56	84345	24.342	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	82598	23.638	ug/l	96
36) 1,1-Dichloropropene	5.80	75	69462	21.707	ug/l	95
37) Ethyl Acetate	4.86	43	92053	21.671	ug/l	98
38) Carbon Tetrachloride	5.78	117	72853	21.658	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76770	23.494	ug/l #	85
40) Benzene	6.15	78	219562	21.916	ug/l	93
41) Methacrylonitrile	5.06	41	51370	21.807	ug/l	96
42) 1,2-Dichloroethane	6.20	62	79435	22.429	ug/l	97
43) Isopropyl Acetate	6.46	43	132106	21.547	ug/l	96
44) Trichloroethene	7.21	130	61173	24.839	ug/l	98
45) 1,2-Dichloropropane	7.52	63	57534	23.418	ug/l	96
46) Dibromomethane	7.66	93	36893	23.894	ug/l	99
47) Bromodichloromethane	7.90	83	70070	24.239	ug/l	99
48) Methyl methacrylate	7.78	41	68937	24.773	ug/l	98
49) 1,4-Dioxane	7.76	88	32234	466.252	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	484087	125.400	ug/l	99
52) Toluene	8.79	92	135131	24.547	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	68925	21.099	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	76751	22.431	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	55763	23.125	ug/l	95
56) Ethyl methacrylate	9.18	69	80015	22.140	ug/l	98
57) 1,3-Dichloropropane	9.37	76	92342	23.009	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	198712	104.434	ug/l	99
59) 2-Hexanone	9.50	43	382124	118.787	ug/l	94
60) Dibromochloromethane	9.58	129	55618	23.064	ug/l	99
61) 1,2-Dibromoethane	9.68	107	56481	21.871	ug/l	93
64) Tetrachloroethene	9.33	164	62269	23.310	ug/l	97
65) Chlorobenzene	10.14	112	149236	21.443	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	53611	21.911	ug/l	99
67) Ethyl Benzene	10.26	91	246224	22.284	ug/l	96
68) m/p-Xylenes	10.36	106	194903	45.139	ug/l	96
69) o-Xylene	10.70	106	91255	23.010	ug/l	98
70) Styrene	10.71	104	156270	22.306	ug/l	99
71) Bromoform	10.86	173	45343	21.646	ug/l #	97
73) Isopropylbenzene	11.02	105	253034	23.854	ug/l	100
74) N-amyl acetate	10.90	43	115120	20.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90381	20.931	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81642m	21.644	ug/l	
77) Bromobenzene	11.26	156	68405	22.201	ug/l	99
78) n-propylbenzene	11.36	91	289512	23.787	ug/l	100
79) 2-Chlorotoluene	11.42	91	174701	23.028	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	216290	22.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20084	15.932	ug/l	96
82) 4-Chlorotoluene	11.51	91	206776	23.156	ug/l	99
83) tert-Butylbenzene	11.77	119	205990	23.586	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223514	22.182	ug/l	98
85) sec-Butylbenzene	11.95	105	251863	23.676	ug/l	100
86) p-Isopropyltoluene	12.07	119	225515	23.398	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126539	21.994	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	128820	21.690	ug/l	99
89) n-Butylbenzene	12.39	91	192249	21.963	ug/l	100
90) Hexachloroethane	12.60	117	34882	21.737	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	127470	21.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21236	22.398	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90822	21.534	ug/l	99
94) Hexachlorobutadiene	13.79	225	45546	20.825	ug/l	100
95) Naphthalene	13.83	128	283906	20.709	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96337	22.111	ug/l	100

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

