

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005450.D
 Acq On : 19 Oct 2018 11:39
 Operator : JC/MD
 Sample : VX1019WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Quant Time: Oct 20 04:55:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	274336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381566	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	146361	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	5.50	113	128082	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.72	98	446459	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	167152	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39799	18.555	ug/l	98
3) Chloromethane	1.32	50	58239	18.738	ug/l	99
4) Vinyl Chloride	1.40	62	57425	18.239	ug/l	98
5) Bromomethane	1.64	94	34575	19.801	ug/l	99
6) Chloroethane	1.71	64	37847	19.364	ug/l	96
7) Trichlorofluoromethane	1.93	101	79836	19.001	ug/l	91
8) Diethyl Ether	2.19	74	35656	19.873	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50021	20.627	ug/l	97
10) Methyl Iodide	2.51	142	59413	23.720	ug/l	100
11) Tert butyl alcohol	3.07	59	92613	107.832	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48231	20.073	ug/l	93
13) Acrolein	2.29	56	31403	55.617	ug/l	88
14) Allyl chloride	2.73	41	101621	19.264	ug/l	95
15) Acrylonitrile	3.15	53	195343	100.369	ug/l	97
16) Acetone	2.45	43	179418	101.918	ug/l	99
17) Carbon Disulfide	2.57	76	123107	16.913	ug/l	99
18) Methyl Acetate	2.78	43	106929	21.350	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	174527	20.624	ug/l	92
20) Methylene Chloride	2.85	84	58281	21.988	ug/l #	82
21) trans-1,2-Dichloroethene	3.17	96	51801	19.454	ug/l	97
22) Diisopropyl ether	3.87	45	185938	20.985	ug/l #	90
23) Vinyl Acetate	3.82	43	790946	102.132	ug/l #	92
24) 1,1-Dichloroethane	3.69	63	103204	20.324	ug/l	97
25) 2-Butanone	4.70	43	257807	100.092	ug/l	92
26) 2,2-Dichloropropane	4.57	77	78529	20.678	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	57513	19.874	ug/l	91
28) Bromochloromethane	5.02	49	51846	22.396	ug/l	97
29) Tetrahydrofuran	5.15	42	161260	98.152	ug/l	95
30) Chloroform	5.21	83	98597	20.919	ug/l	94
31) Cyclohexane	5.59	56	81467	19.465	ug/l #	72
32) 1,1,1-Trichloroethane	5.49	97	81323	19.829	ug/l	98
36) 1,1-Dichloropropene	5.79	75	70265	19.014	ug/l	100
37) Ethyl Acetate	4.86	43	94159	19.813	ug/l	98
38) Carbon Tetrachloride	5.77	117	72865	19.624	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75652	18.915	ug/l	# 82
40) Benzene	6.15	78	209968	18.941	ug/l	97
41) Methacrylonitrile	5.05	41	52169	20.476	ug/l	96
42) 1,2-Dichloroethane	6.20	62	71771	18.336	ug/l	99
43) Isopropyl Acetate	6.46	43	132932	20.998	ug/l	97
44) Trichloroethene	7.21	130	56992	19.758	ug/l	97
45) 1,2-Dichloropropane	7.52	63	54997	20.225	ug/l	100
46) Dibromomethane	7.66	93	34534	19.242	ug/l	98
47) Bromodichloromethane	7.90	83	64485	19.425	ug/l	98
48) Methyl methacrylate	7.77	41	64175	19.545	ug/l	95
49) 1,4-Dioxane	7.75	88	30294	400.020	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	448519	102.321	ug/l	95
52) Toluene	8.79	92	126205	20.809	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	71744	19.969	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	79911	20.528	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	53660	20.889	ug/l	99
56) Ethyl methacrylate	9.18	69	77304	20.643	ug/l	97
57) 1,3-Dichloropropane	9.37	76	86467	20.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	219646	104.586	ug/l	97
59) 2-Hexanone	9.49	43	355568	100.840	ug/l	94
60) Dibromochloromethane	9.59	129	54297	20.449	ug/l	99
61) 1,2-Dibromoethane	9.67	107	54882	20.358	ug/l	99
64) Tetrachloroethene	9.34	164	57885	20.786	ug/l	97
65) Chlorobenzene	10.14	112	143826	19.547	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	52387	19.979	ug/l	99
67) Ethyl Benzene	10.26	91	233530	19.523	ug/l	99
68) m/p-Xylenes	10.36	106	185781	40.016	ug/l	96
69) o-Xylene	10.70	106	88772	19.826	ug/l	97
70) Styrene	10.71	104	149220	20.261	ug/l	98
71) Bromoform	10.86	173	43985	18.772	ug/l	99
73) Isopropylbenzene	11.02	105	244534	21.241	ug/l	100
74) N-amyl acetate	10.90	43	110593	19.917	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	83585	19.246	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79674m	21.210	ug/l	
77) Bromobenzene	11.26	156	68230	20.728	ug/l	97
78) n-propylbenzene	11.36	91	276914	20.902	ug/l	99
79) 2-Chlorotoluene	11.42	91	166879	20.568	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	208640	21.163	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	24105	19.498	ug/l	96
82) 4-Chlorotoluene	11.51	91	196506	20.431	ug/l	100
83) tert-Butylbenzene	11.77	119	206294	20.664	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	213430	21.037	ug/l	98
85) sec-Butylbenzene	11.94	105	247152	20.919	ug/l	100
86) p-Isopropyltoluene	12.07	119	225767	21.142	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	123003	19.997	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	125930	20.013	ug/l	99
89) n-Butylbenzene	12.39	91	192301	19.834	ug/l	97
90) Hexachloroethane	12.60	117	34496	18.744	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	124793	19.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20145	19.016	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94332	20.484	ug/l	98
94) Hexachlorobutadiene	13.79	225	48745	20.041	ug/l	98
95) Naphthalene	13.83	128	281112	21.048	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	96878	20.560	ug/l	99

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

