

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004790.D
 Acq On : 27 Sep 2018 23:17
 Operator : JC/MD
 Sample : VX0927WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 2:26:10 PM

Quant Time: Sep 28 07:48:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174653	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	5.50	113	138794	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
50) Toluene-d8	8.71	98	538429	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
62) 4-Bromofluorobenzene	11.14	95	194751	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78542	24.655	ug/l	97
3) Chloromethane	1.32	50	85129	22.026	ug/l	99
4) Vinyl Chloride	1.40	62	82248	22.689	ug/l	99
5) Bromomethane	1.64	94	39267	18.268	ug/l	99
6) Chloroethane	1.71	64	47109	22.570	ug/l	99
7) Trichlorofluoromethane	1.93	101	102599	22.863	ug/l	96
8) Diethyl Ether	2.19	74	41604	21.340	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57134	22.350	ug/l	98
10) Methyl Iodide	2.51	142	33404	9.765	ug/l	99
11) Tert butyl alcohol	3.07	59	99312	106.419	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55041	21.742	ug/l	95
13) Acrolein	2.29	56	57658	86.837	ug/l	95
14) Allyl chloride	2.73	41	121919	22.072	ug/l	95
15) Acrylonitrile	3.15	53	224848	109.449	ug/l	98
16) Acetone	2.45	43	198107	101.670	ug/l	96
17) Carbon Disulfide	2.57	76	162872	21.411	ug/l	99
18) Methyl Acetate	2.78	43	113510	22.992	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	199247	22.817	ug/l	98
20) Methylene Chloride	2.85	84	64793	22.407	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	58749	21.199	ug/l	92
22) Diisopropyl ether	3.87	45	205905	22.137	ug/l	94
23) Vinyl Acetate	3.82	43	918172	107.841	ug/l	95
24) 1,1-Dichloroethane	3.70	63	112363	20.251	ug/l	98
25) 2-Butanone	4.70	43	299425	104.249	ug/l	94
26) 2,2-Dichloropropane	4.58	77	68989	17.856	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63337	20.459	ug/l	95
28) Bromochloromethane	5.02	49	53608	20.517	ug/l	87
29) Tetrahydrofuran	5.15	42	197301	110.522	ug/l	92
30) Chloroform	5.21	83	109184	20.822	ug/l	98
31) Cyclohexane	5.57	56	97105	22.867	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	93291	21.784	ug/l	98
36) 1,1-Dichloropropene	5.80	75	81526	19.679	ug/l	99
37) Ethyl Acetate	4.86	43	107524	19.553	ug/l	99
38) Carbon Tetrachloride	5.78	117	80079	18.389	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89365	21.126	ug/l	94
40) Benzene	6.14	78	248613	19.169	ug/l	99
41) Methacrylonitrile	5.06	41	59372	19.469	ug/l	96
42) 1,2-Dichloroethane	6.20	62	88950	19.401	ug/l	98
43) Isopropyl Acetate	6.46	43	153742	19.370	ug/l	96
44) Trichloroethene	7.21	130	65002	20.388	ug/l	93
45) 1,2-Dichloropropane	7.51	63	65865	20.709	ug/l	99
46) Dibromomethane	7.66	93	42385	21.205	ug/l	97
47) Bromodichloromethane	7.90	83	79406	21.218	ug/l	97
48) Methyl methacrylate	7.77	41	80928	22.464	ug/l	94
49) 1,4-Dioxane	7.76	88	37319	416.971	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	566395	113.335	ug/l	93
52) Toluene	8.79	92	153500	21.539	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	84402	19.958	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	94527	21.340	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	63983	20.496	ug/l	96
56) Ethyl methacrylate	9.18	69	94604	20.469	ug/l	93
57) 1,3-Dichloropropane	9.37	76	107506	20.692	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	273265	110.049	ug/l	94
59) 2-Hexanone	9.50	43	440238	105.711	ug/l	93
60) Dibromochloromethane	9.59	129	61976	19.852	ug/l	100
61) 1,2-Dibromoethane	9.67	107	66233	19.812	ug/l	99
64) Tetrachloroethene	9.34	164	63276	18.824	ug/l	93
65) Chlorobenzene	10.14	112	169635	19.369	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	59211	19.231	ug/l	99
67) Ethyl Benzene	10.26	91	279902	20.130	ug/l	98
68) m/p-Xylenes	10.36	106	221851	40.831	ug/l	94
69) o-Xylene	10.70	106	106604	21.361	ug/l	97
70) Styrene	10.71	104	177886	20.383	ug/l	97
71) Bromoform	10.86	173	49573	18.806	ug/l #	98
73) Isopropylbenzene	11.02	105	285602	22.230	ug/l	99
74) N-amyl acetate	10.90	43	136707	20.430	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	102819	19.660	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	93964m	20.568	ug/l	
77) Bromobenzene	11.26	156	77034	20.643	ug/l	97
78) n-propylbenzene	11.36	91	330294	22.406	ug/l	98
79) 2-Chlorotoluene	11.42	91	199197	21.679	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239130	20.190	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	25466	16.586	ug/l	97
82) 4-Chlorotoluene	11.51	91	233120	21.555	ug/l	100
83) tert-Butylbenzene	11.77	119	232695	21.998	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	250134	20.481	ug/l	98
85) sec-Butylbenzene	11.94	105	283726	22.021	ug/l	98
86) p-Isopropyltoluene	12.07	119	254531	21.805	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	140468	20.159	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	143435	19.941	ug/l	98
89) n-Butylbenzene	12.39	91	219569	20.711	ug/l	97
90) Hexachloroethane	12.60	117	38926	20.028	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	141977	19.497	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23035	20.060	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101886	19.946	ug/l	98
94) Hexachlorobutadiene	13.79	225	48924	18.470	ug/l	96
95) Naphthalene	13.83	128	326142	19.679	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107080	20.293	ug/l	99

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

