

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006274.D
 Acq On : 04 Dec 2018 13:22
 Operator : JC/MD
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:11:31 AM

Quant Time: Dec 04 13:45:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	743511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1111272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	999773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	499053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	378394	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	5.50	113	360955	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	8.71	98	1299424	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.13	95	478254	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148825	20.443	ug/l	100
3) Chloromethane	1.33	50	142447	19.041	ug/l	98
4) Vinyl Chloride	1.41	62	158515	19.687	ug/l	98
5) Bromomethane	1.64	94	119856	21.479	ug/l	97
6) Chloroethane	1.72	64	101925	20.646	ug/l	97
7) Trichlorofluoromethane	1.93	101	244618	19.792	ug/l	98
8) Diethyl Ether	2.19	74	90986	19.451	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	139591	19.863	ug/l	99
10) Methyl Iodide	2.51	142	209505	19.781	ug/l	100
11) Tert butyl alcohol	3.07	59	189158	91.129	ug/l	99
12) 1,1-Dichloroethene	2.38	96	130330	19.372	ug/l	94
13) Acrolein	2.29	56	111977	98.701	ug/l	97
14) Allyl chloride	2.73	41	250632	18.859	ug/l	99
15) Acrylonitrile	3.15	53	409935	94.640	ug/l	99
16) Acetone	2.45	43	347163	97.464	ug/l	99
17) Carbon Disulfide	2.57	76	378969	18.280	ug/l	100
18) Methyl Acetate	2.78	43	238240	20.000	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	465928	19.413	ug/l	99
20) Methylene Chloride	2.86	84	150709	19.881	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	137554	19.186	ug/l	93
22) Diisopropyl ether	3.87	45	414180	19.952	ug/l	96
23) Vinyl Acetate	3.82	43	1743117	98.452	ug/l	99
24) 1,1-Dichloroethane	3.70	63	236253	19.912	ug/l	98
25) 2-Butanone	4.70	43	495842	97.560	ug/l	99
26) 2,2-Dichloropropane	4.59	77	214123	19.555	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	162987	20.380	ug/l	99
28) Bromochloromethane	5.02	49	103292	19.931	ug/l	99
29) Tetrahydrofuran	5.15	42	336491	95.262	ug/l	98
30) Chloroform	5.21	83	253437	20.326	ug/l	99
31) Cyclohexane	5.57	56	211184	19.260	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	233588	19.690	ug/l	99
36) 1,1-Dichloropropene	5.80	75	182844	19.539	ug/l	100
37) Ethyl Acetate	4.85	43	196136	18.716	ug/l	98
38) Carbon Tetrachloride	5.78	117	215569	19.581	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237918	19.586	ug/l	99
40) Benzene	6.14	78	559647	19.967	ug/l	99
41) Methacrylonitrile	5.06	41	109639	19.013	ug/l	98
42) 1,2-Dichloroethane	6.20	62	186963	20.382	ug/l	99
43) Isopropyl Acetate	6.46	43	328892	18.823	ug/l	99
44) Trichloroethene	7.21	130	168322	19.824	ug/l	99
45) 1,2-Dichloropropane	7.52	63	138054	19.380	ug/l	96
46) Dibromomethane	7.66	93	102335	19.891	ug/l	99
47) Bromodichloromethane	7.90	83	198077	19.882	ug/l	98
48) Methyl methacrylate	7.77	41	160501	18.882	ug/l	99
49) 1,4-Dioxane	7.75	88	79406	379.020	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	977123	96.063	ug/l	98
52) Toluene	8.79	92	364824	19.785	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	219633	18.850	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	233454	19.296	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	153215	20.453	ug/l	98
56) Ethyl methacrylate	9.18	69	225979	19.296	ug/l	98
57) 1,3-Dichloropropane	9.37	76	239519	20.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	557695	93.843	ug/l	99
59) 2-Hexanone	9.49	43	740773	95.323	ug/l	99
60) Dibromochloromethane	9.59	129	176243	19.079	ug/l	98
61) 1,2-Dibromoethane	9.67	107	168784	20.150	ug/l	96
64) Tetrachloroethene	9.34	164	153547	20.394	ug/l	98
65) Chlorobenzene	10.14	112	431482	20.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	165719	20.097	ug/l	99
67) Ethyl Benzene	10.25	91	699113	19.806	ug/l	100
68) m/p-Xylenes	10.36	106	552180	39.053	ug/l	100
69) o-Xylene	10.70	106	274455	19.651	ug/l	99
70) Styrene	10.71	104	437413	19.364	ug/l	98
71) Bromoform	10.86	173	143307	18.411	ug/l #	100
73) Isopropylbenzene	11.02	105	724326	21.017	ug/l	99
74) N-amyl acetate	10.90	43	286114	19.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	225931	20.491	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	212787m	22.090	ug/l	
77) Bromobenzene	11.26	156	197093	20.607	ug/l	99
78) n-propylbenzene	11.36	91	785663	20.508	ug/l	100
79) 2-Chlorotoluene	11.42	91	467689	20.540	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	592257	20.654	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	77529	18.888	ug/l	95
82) 4-Chlorotoluene	11.51	91	535696	20.235	ug/l	99
83) tert-Butylbenzene	11.77	119	634503	20.739	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	610588	20.621	ug/l	99
85) sec-Butylbenzene	11.94	105	714008	20.514	ug/l	100
86) p-Isopropyltoluene	12.06	119	639863	20.416	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	343739	20.198	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	341466	19.768	ug/l	99
89) n-Butylbenzene	12.39	91	529461	19.799	ug/l	99
90) Hexachloroethane	12.60	117	125852	19.702	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	337743	19.996	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51331	18.162	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	240677	19.532	ug/l	98
94) Hexachlorobutadiene	13.78	225	109798	20.148	ug/l	99
95) Naphthalene	13.83	128	767972	20.035	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	246917	20.231	ug/l	99

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

