

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004861.D
 Acq On : 01 Oct 2018 11:00
 Operator : JC/MD
 Sample : VX1001WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:51 PM

Quant Time: Oct 02 03:58:45 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	5.66	168	251341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358934	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163656	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
35) Dibromofluoromethane	5.50	113	133537	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	
50) Toluene-d8	8.71	98	512085	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.14	95	188169	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	73996	21.592	ug/l	96
3) Chloromethane	1.32	50	78295	18.831	ug/l	98
4) Vinyl Chloride	1.40	62	76643	19.654	ug/l	99
5) Bromomethane	1.64	94	46514	20.115	ug/l	99
6) Chloroethane	1.72	64	45615	20.071	ug/l	96
7) Trichlorofluoromethane	1.93	101	99118	20.532	ug/l	92
8) Diethyl Ether	2.19	74	39146	18.665	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	58122	21.136	ug/l	99
10) Methyl Iodide	2.51	142	43167	11.731	ug/l	99
11) Tert butyl alcohol	3.06	59	98518	98.134	ug/l	100
12) 1,1-Dichloroethene	2.37	96	52638	19.328	ug/l	95
13) Acrolein	2.29	56	44701	62.582	ug/l	95
14) Allyl chloride	2.73	41	117318	19.743	ug/l	95
15) Acrylonitrile	3.15	53	207703	93.984	ug/l	98
16) Acetone	2.45	43	207832	99.149	ug/l	96
17) Carbon Disulfide	2.57	76	151538	18.518	ug/l	99
18) Methyl Acetate	2.78	43	108460	20.422	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	189026	20.122	ug/l	97
20) Methylene Chloride	2.85	84	60847	19.452	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	56964	19.108	ug/l	96
22) Diisopropyl ether	3.87	45	196614	19.650	ug/l	91
23) Vinyl Acetate	3.82	43	917483	100.171	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	111989	18.763	ug/l	99
25) 2-Butanone	4.70	43	285443	92.383	ug/l	94
26) 2,2-Dichloropropane	4.58	77	85010	20.453	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	60258	18.093	ug/l	92
28) Bromochloromethane	5.01	49	51314	18.256	ug/l	90
29) Tetrahydrofuran	5.15	42	178866	93.139	ug/l	92
30) Chloroform	5.21	83	103789	18.399	ug/l	98
31) Cyclohexane	5.57	56	93376	20.440	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	89080	19.336	ug/l	99
36) 1,1-Dichloropropene	5.79	75	76046	18.322	ug/l	99
37) Ethyl Acetate	4.85	43	98581	17.894	ug/l	98
38) Carbon Tetrachloride	5.78	117	78251	17.936	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91447	21.578	ug/l	92
40) Benzene	6.14	78	234065	18.014	ug/l	100
41) Methacrylonitrile	5.06	41	55487	18.161	ug/l	95
42) 1,2-Dichloroethane	6.20	62	82679	17.999	ug/l	98
43) Isopropyl Acetate	6.46	43	142728	17.949	ug/l	96
44) Trichloroethene	7.21	130	62797	19.659	ug/l	94
45) 1,2-Dichloropropane	7.51	63	64090	20.113	ug/l	99
46) Dibromomethane	7.66	93	40111	20.030	ug/l	97
47) Bromodichloromethane	7.90	83	76521	20.409	ug/l	97
48) Methyl methacrylate	7.77	41	74857	20.740	ug/l	94
49) 1,4-Dioxane	7.75	88	35172	392.251	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	519328	103.724	ug/l	93
52) Toluene	8.79	92	145583	20.390	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	84302	19.897	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	92721	20.893	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	60214	19.253	ug/l	95
56) Ethyl methacrylate	9.18	69	88390	19.282	ug/l	94
57) 1,3-Dichloropropane	9.37	76	101201	19.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	250394	101.867	ug/l	94
59) 2-Hexanone	9.49	43	414556	99.359	ug/l	92
60) Dibromochloromethane	9.59	129	60732	19.417	ug/l	98
61) 1,2-Dibromoethane	9.67	107	61674	18.414	ug/l	99
64) Tetrachloroethene	9.34	164	62842	18.503	ug/l	98
65) Chlorobenzene	10.14	112	163869	18.519	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	57633	18.526	ug/l	99
67) Ethyl Benzene	10.26	91	270666	19.266	ug/l	96
68) m/p-Xylenes	10.36	106	215615	39.275	ug/l	95
69) o-Xylene	10.70	106	101748	20.178	ug/l	98
70) Styrene	10.71	104	169348	19.329	ug/l	97
71) Bromoform	10.86	173	48344	18.152	ug/l	98
73) Isopropylbenzene	11.02	105	277591	20.782	ug/l	99
74) N-amyl acetate	10.90	43	126371	18.359	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	98226	18.065	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	89469m	18.836	ug/l	
77) Bromobenzene	11.26	156	74643	19.239	ug/l	98
78) n-propylbenzene	11.36	91	321433	20.973	ug/l	99
79) 2-Chlorotoluene	11.42	91	192782	20.180	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	236502	19.196	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	27239	17.007	ug/l	99
82) 4-Chlorotoluene	11.51	91	227558	20.238	ug/l	100
83) tert-Butylbenzene	11.77	119	229638	20.881	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	243787	19.187	ug/l	98
85) sec-Butylbenzene	11.94	105	281501	21.015	ug/l	99
86) p-Isopropyltoluene	12.07	119	256377	21.125	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	138871	19.169	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	142965	19.117	ug/l	99
89) n-Butylbenzene	12.39	91	224350	20.355	ug/l	98
90) Hexachloroethane	12.60	117	38166	18.888	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	138623	18.310	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21848	18.300	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102251	19.253	ug/l	100
94) Hexachlorobutadiene	13.78	225	53487	19.422	ug/l	96
95) Naphthalene	13.83	128	310151	18.061	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105995	19.320	ug/l	99

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

