

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011019\
 Data File : VX006983.D
 Acq On : 10 Jan 2019 12:14
 Operator : JC/MD
 Sample : VX0110WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 11:43:52 AM

Quant Time: Jan 11 07:32:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	571511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	834254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	768216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	395608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	291640	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	5.50	113	263863	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	982980	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	361610	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100282	21.367	ug/l	100
3) Chloromethane	1.33	50	110496	20.224	ug/l	99
4) Vinyl Chloride	1.41	62	113951	19.389	ug/l	100
5) Bromomethane	1.64	94	119940	19.101	ug/l	97
6) Chloroethane	1.72	64	74112	18.060	ug/l	97
7) Trichlorofluoromethane	1.93	101	177049	18.644	ug/l	98
8) Diethyl Ether	2.19	74	69975	18.522	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	105711	18.594	ug/l	98
10) Methyl Iodide	2.51	142	146957	19.163	ug/l	99
11) Tert butyl alcohol	3.07	59	135191	95.952	ug/l	100
12) 1,1-Dichloroethene	2.37	96	97269	18.518	ug/l	98
13) Acrolein	2.29	56	45891	77.674	ug/l	96
14) Allyl chloride	2.73	41	161877	17.982	ug/l	99
15) Acrylonitrile	3.15	53	301614	93.252	ug/l	99
16) Acetone	2.45	43	275473	93.294	ug/l	99
17) Carbon Disulfide	2.57	76	227655	16.834	ug/l	99
18) Methyl Acetate	2.78	43	155666	18.204	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	336482	18.456	ug/l	99
20) Methylene Chloride	2.86	84	114071	19.971	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	105503	18.024	ug/l	99
22) Diisopropyl ether	3.87	45	314273	18.570	ug/l	100
23) Vinyl Acetate	3.82	43	1311870	91.919	ug/l	100
24) 1,1-Dichloroethane	3.70	63	184331	19.479	ug/l	99
25) 2-Butanone	4.70	43	403223	95.438	ug/l	97
26) 2,2-Dichloropropane	4.58	77	131086	18.014	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	117375	18.179	ug/l	97
28) Bromochloromethane	5.02	49	74555	17.982	ug/l	96
29) Tetrahydrofuran	5.15	42	255399	93.018	ug/l	98
30) Chloroform	5.21	83	189801	19.157	ug/l	96
31) Cyclohexane	5.57	56	158989	18.877	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	156945	18.688	ug/l	98
36) 1,1-Dichloropropene	5.80	75	138514	19.097	ug/l	98
37) Ethyl Acetate	4.85	43	150603	19.368	ug/l	98
38) Carbon Tetrachloride	5.78	117	134934	18.490	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178441	19.298	ug/l	98
40) Benzene	6.14	78	416661	18.827	ug/l	98
41) Methacrylonitrile	5.06	41	80336	17.934	ug/l	99
42) 1,2-Dichloroethane	6.20	62	142621	18.649	ug/l	99
43) Isopropyl Acetate	6.46	43	228247	18.609	ug/l	99
44) Trichloroethene	7.21	130	122649	18.494	ug/l	96
45) 1,2-Dichloropropane	7.51	63	104841	18.843	ug/l	99
46) Dibromomethane	7.66	93	72024	18.419	ug/l	97
47) Bromodichloromethane	7.90	83	123658	18.578	ug/l	98
48) Methyl methacrylate	7.77	41	118536	18.819	ug/l	97
49) 1,4-Dioxane	7.75	88	57701	395.945	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	773784	98.163	ug/l	99
52) Toluene	8.78	92	273321	19.215	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	134218	18.185	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	151073	18.535	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	114379	20.089	ug/l	99
56) Ethyl methacrylate	9.18	69	161907	19.479	ug/l	96
57) 1,3-Dichloropropane	9.37	76	177976	19.080	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	418560	97.940	ug/l	99
59) 2-Hexanone	9.49	43	595068	99.062	ug/l	99
60) Dibromochloromethane	9.58	129	104368	18.878	ug/l	98
61) 1,2-Dibromoethane	9.67	107	121446	19.375	ug/l	100
64) Tetrachloroethene	9.34	164	128706	19.351	ug/l	95
65) Chlorobenzene	10.14	112	317129	18.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	105580	18.732	ug/l	99
67) Ethyl Benzene	10.25	91	526985	19.052	ug/l	100
68) m/p-Xylenes	10.36	106	419112	38.458	ug/l	99
69) o-Xylene	10.69	106	202114	19.017	ug/l	97
70) Styrene	10.71	104	325026	19.309	ug/l	99
71) Bromoform	10.85	173	76644	18.489	ug/l	98
73) Isopropylbenzene	11.02	105	539366	19.335	ug/l	99
74) N-amyl acetate	10.90	43	205764	18.320	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	164116	18.532	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	152803m	19.060	ug/l	
77) Bromobenzene	11.26	156	145972	18.991	ug/l	99
78) n-propylbenzene	11.36	91	607776	19.847	ug/l	98
79) 2-Chlorotoluene	11.42	91	355377	19.278	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	445204	19.100	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38489	17.175	ug/l	91
82) 4-Chlorotoluene	11.51	91	408253	19.127	ug/l	100
83) tert-Butylbenzene	11.77	119	440695	18.950	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	457430	19.515	ug/l	99
85) sec-Butylbenzene	11.94	105	547794	19.723	ug/l	100
86) p-Isopropyltoluene	12.06	119	489188	19.691	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	264563	19.043	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	263060	20.071	ug/l	98
89) n-Butylbenzene	12.39	91	415081	19.600	ug/l	99
90) Hexachloroethane	12.60	117	67797	19.008	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	257481	18.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31890	18.207	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	176877	18.804	ug/l	100
94) Hexachlorobutadiene	13.78	225	81305	19.478	ug/l	99
95) Naphthalene	13.83	128	529479	18.576	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	178818	19.137	ug/l	96

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

