

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008049.D
 Acq On : 13 Mar 2019 15:18
 Operator : JC/SP
 Sample : VX0313WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 10:18:01 AM

Quant Time: Mar 14 04:37:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	120722	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	107330	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	403866	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	142625	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34980	17.578	ug/l	99
3) Chloromethane	1.33	50	45774	17.849	ug/l	99
4) Vinyl Chloride	1.41	62	48039	18.853	ug/l	98
5) Bromomethane	1.64	94	25657	20.798	ug/l	99
6) Chloroethane	1.73	64	27501	16.246	ug/l	99
7) Trichlorofluoromethane	1.93	101	55959	16.867	ug/l	98
8) Diethyl Ether	2.19	74	24969	17.380	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35714	17.372	ug/l	99
10) Methyl Iodide	2.51	142	54023	18.523	ug/l	97
11) Tert butyl alcohol	3.07	59	46652	84.900	ug/l	100
12) 1,1-Dichloroethene	2.38	96	34685	17.502	ug/l	92
13) Acrolein	2.30	56	19775	64.742	ug/l	99
14) Allyl chloride	2.73	41	65048	15.621	ug/l	99
15) Acrylonitrile	3.15	53	114859	82.813	ug/l	99
16) Acetone	2.45	43	93748	65.918	ug/l	98
17) Carbon Disulfide	2.57	76	96831	15.783	ug/l	100
18) Methyl Acetate	2.78	43	53367	17.663	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	123570	18.125	ug/l	98
20) Methylene Chloride	2.86	84	38949	17.208	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	37965	17.411	ug/l	94
22) Diisopropyl ether	3.87	45	144487	18.928	ug/l	98
23) Vinyl Acetate	3.82	43	593151	88.610	ug/l	99
24) 1,1-Dichloroethane	3.70	63	74770	18.201	ug/l	97
25) 2-Butanone	4.70	43	174059	86.448	ug/l	97
26) 2,2-Dichloropropane	4.59	77	47544	17.469	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	47259	18.940	ug/l	98
28) Bromochloromethane	5.02	49	36753	19.191	ug/l	97
29) Tetrahydrofuran	5.15	42	116992	93.152	ug/l	99
30) Chloroform	5.21	83	75195	19.351	ug/l	99
31) Cyclohexane	5.58	56	69540	18.419	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	62071	19.252	ug/l	98
36) 1,1-Dichloropropene	5.80	75	56266	18.376	ug/l	99
37) Ethyl Acetate	4.85	43	66209	18.221	ug/l	99
38) Carbon Tetrachloride	5.78	117	53125	18.276	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67057	18.074	ug/l	98
40) Benzene	6.15	78	176283	19.339	ug/l	98
41) Methacrylonitrile	5.06	41	37357	18.857	ug/l	98
42) 1,2-Dichloroethane	6.20	62	56779	19.047	ug/l	100
43) Isopropyl Acetate	6.46	43	101424	18.861	ug/l	99
44) Trichloroethene	7.21	130	48705	19.388	ug/l	99
45) 1,2-Dichloropropane	7.52	63	47477	19.720	ug/l	100
46) Dibromomethane	7.66	93	29416	19.306	ug/l	100
47) Bromodichloromethane	7.90	83	53502	18.521	ug/l	98
48) Methyl methacrylate	7.77	41	53360	18.873	ug/l	97
49) 1,4-Dioxane	7.75	88	21418	368.774	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	335970	97.148	ug/l	99
52) Toluene	8.79	92	108245	19.450	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	55718	18.480	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	65013	19.094	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45150	20.041	ug/l	99
56) Ethyl methacrylate	9.18	69	67680	20.008	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74485	19.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	192234	109.865	ug/l	99
59) 2-Hexanone	9.49	43	251951	93.838	ug/l	100
60) Dibromochloromethane	9.58	129	43442	18.448	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46693	19.521	ug/l	100
64) Tetrachloroethene	9.34	164	48418	19.484	ug/l	97
65) Chlorobenzene	10.14	112	119676	19.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42920	19.084	ug/l	98
67) Ethyl Benzene	10.25	91	200149	19.377	ug/l	99
68) m/p-Xylenes	10.36	106	152599	38.327	ug/l	100
69) o-Xylene	10.69	106	73919	19.230	ug/l	99
70) Styrene	10.71	104	122159	19.421	ug/l	100
71) Bromoform	10.85	173	33682	17.439	ug/l #	99
73) Isopropylbenzene	11.02	105	199229	19.889	ug/l	100
74) N-amyl acetate	10.90	43	84711	18.524	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	65819	19.049	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	62950m	20.254	ug/l	
77) Bromobenzene	11.26	156	53549	19.499	ug/l	98
78) n-propylbenzene	11.36	91	217753	19.595	ug/l	99
79) 2-Chlorotoluene	11.42	91	132028	19.431	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	164549	19.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16996	17.480	ug/l	95
82) 4-Chlorotoluene	11.51	91	149359	19.182	ug/l	99
83) tert-Butylbenzene	11.77	119	159793	19.241	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	168707	19.961	ug/l	99
85) sec-Butylbenzene	11.94	105	193625	19.796	ug/l	100
86) p-Isopropyltoluene	12.06	119	171621	19.593	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	91918	18.919	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	93152	18.722	ug/l	99
89) n-Butylbenzene	12.38	91	138986	18.728	ug/l	99
90) Hexachloroethane	12.60	117	27286	18.631	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	93314	19.333	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12981	17.976	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	63046	18.594	ug/l	100
94) Hexachlorobutadiene	13.78	225	34502	19.463	ug/l	99
95) Naphthalene	13.83	128	188278	19.271	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64218	19.012	ug/l	99

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

