

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030519\
 Data File : VX007829.D
 Acq On : 05 Mar 2019 11:41
 Operator : JC/SP
 Sample : VX0305WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 9:49:33 AM

Quant Time: Mar 05 14:14:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	317048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	445112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	400251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166303	42.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.70%	
35) Dibromofluoromethane	5.50	113	145403	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	8.71	98	558083	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.13	95	202735	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50761	17.380	ug/l	99
3) Chloromethane	1.33	50	61154	18.895	ug/l	99
4) Vinyl Chloride	1.41	62	62676	18.876	ug/l	99
5) Bromomethane	1.64	94	31668	14.022	ug/l	98
6) Chloroethane	1.72	64	39075	18.419	ug/l	99
7) Trichlorofluoromethane	1.93	101	85177	16.733	ug/l	99
8) Diethyl Ether	2.19	74	37941	18.161	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54301	17.649	ug/l	100
10) Methyl Iodide	2.51	142	76229	19.898	ug/l	96
11) Tert butyl alcohol	3.07	59	75565	101.412	ug/l	100
12) 1,1-Dichloroethene	2.38	96	50091	18.062	ug/l	94
13) Acrolein	2.29	56	69252	104.589	ug/l	100
14) Allyl chloride	2.73	41	107926	21.047	ug/l	88
15) Acrylonitrile	3.15	53	181710	103.626	ug/l	100
16) Acetone	2.45	43	181630	104.000	ug/l	99
17) Carbon Disulfide	2.57	76	148883	19.297	ug/l	98
18) Methyl Acetate	2.78	43	86952	22.817	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	183973	19.050	ug/l	97
20) Methylene Chloride	2.86	84	58825	18.241	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	54199	17.977	ug/l	95
22) Diisopropyl ether	3.87	45	204114	19.121	ug/l	98
23) Vinyl Acetate	3.82	43	891531	95.193	ug/l	97
24) 1,1-Dichloroethane	3.70	63	107198	18.478	ug/l	99
25) 2-Butanone	4.70	43	261630	98.347	ug/l	95
26) 2,2-Dichloropropane	4.58	77	78040	16.852	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	64946	16.930	ug/l	94
28) Bromochloromethane	5.02	49	52216	18.488	ug/l	87
29) Tetrahydrofuran	5.15	42	165215	94.216	ug/l	93
30) Chloroform	5.21	83	104641	16.839	ug/l	98
31) Cyclohexane	5.57	56	97087	17.791	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	87481	17.022	ug/l	98
36) 1,1-Dichloropropene	5.80	75	76784	19.188	ug/l	97
37) Ethyl Acetate	4.85	43	92405	20.787	ug/l	99
38) Carbon Tetrachloride	5.78	117	76336	18.990	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97543	19.286	ug/l	90
40) Benzene	6.14	78	240128	19.439	ug/l	99
41) Methacrylonitrile	5.06	41	53718	22.631	ug/l	94
42) 1,2-Dichloroethane	6.20	62	78812	18.982	ug/l	98
43) Isopropyl Acetate	6.46	43	144010	21.050	ug/l	98
44) Trichloroethene	7.21	130	65368	19.236	ug/l	97
45) 1,2-Dichloropropane	7.51	63	64876	20.274	ug/l	98
46) Dibromomethane	7.66	93	40300	18.052	ug/l	96
47) Bromodichloromethane	7.90	83	77263	19.972	ug/l	98
48) Methyl methacrylate	7.77	41	75574	21.074	ug/l	91
49) 1,4-Dioxane	7.75	88	30576	394.754	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	479193	104.638	ug/l	100
52) Toluene	8.78	92	150642	19.339	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	83927	19.275	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	94036	20.030	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	62446	19.224	ug/l	98
56) Ethyl methacrylate	9.18	69	94275	20.409	ug/l	95
57) 1,3-Dichloropropane	9.37	76	103007	19.810	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	245266	96.283	ug/l	97
59) 2-Hexanone	9.49	43	367138	102.114	ug/l	100
60) Dibromochloromethane	9.58	129	64460	20.623	ug/l	97
61) 1,2-Dibromoethane	9.67	107	64055	18.993	ug/l	98
64) Tetrachloroethene	9.34	164	66979	20.613	ug/l	97
65) Chlorobenzene	10.13	112	168600	19.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	60635	20.080	ug/l	99
67) Ethyl Benzene	10.25	91	281034	19.598	ug/l	99
68) m/p-Xylenes	10.36	106	216969	38.892	ug/l	96
69) o-Xylene	10.69	106	104675	19.507	ug/l	96
70) Styrene	10.71	104	172824	19.594	ug/l	100
71) Bromoform	10.85	173	51503	22.745	ug/l #	98
73) Isopropylbenzene	11.02	105	283743	19.298	ug/l	99
74) N-amyl acetate	10.90	43	123695	19.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	92561	18.202	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	77515m	17.677	ug/l	
77) Bromobenzene	11.26	156	75160	20.381	ug/l	93
78) n-propylbenzene	11.36	91	318804	19.188	ug/l	98
79) 2-Chlorotoluene	11.42	91	189979	18.990	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	234150	19.361	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26968	18.498	ug/l	95
82) 4-Chlorotoluene	11.51	91	217471	18.583	ug/l	99
83) tert-Butylbenzene	11.77	119	235385	20.271	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	240918	19.475	ug/l	99
85) sec-Butylbenzene	11.94	105	284781	19.571	ug/l	98
86) p-Isopropyltoluene	12.06	119	254864	20.000	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	134900	19.721	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133532	19.061	ug/l	99
89) n-Butylbenzene	12.38	91	213330	18.771	ug/l	100
90) Hexachloroethane	12.60	117	42180	19.645	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	134274	19.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19311	17.428	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95226	22.793	ug/l	99
94) Hexachlorobutadiene	13.78	225	52330	27.380	ug/l	99
95) Naphthalene	13.83	128	270377	19.975	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94208	22.457	ug/l	99

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

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