

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003339.D
 Acq On : 11 Jul 2018 23:56
 Operator : JC/MD
 Sample : VX0711WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/12/2018 10:59:28 AM

Quant Time: Jul 12 01:53:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192260	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188531	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	5.51	113	162479	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.72	98	601124	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.14	95	216068	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76541	22.267	ug/l	99
3) Chloromethane	1.32	50	76376	24.438	ug/l	99
4) Vinyl Chloride	1.40	62	85477	26.646	ug/l	99
5) Bromomethane	1.64	94	37028	39.786	ug/l	98
6) Chloroethane	1.72	64	51224	28.822	ug/l	99
7) Trichlorofluoromethane	1.93	101	115402	24.202	ug/l	99
8) Diethyl Ether	2.19	74	46808	27.156	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68661	24.593	ug/l	96
10) Methyl Iodide	2.51	142	61443	23.330	ug/l	95
11) Tert butyl alcohol	3.08	59	91677	142.109	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66180	26.045	ug/l	89
13) Acrolein	2.29	56	63207	121.587	ug/l	99
14) Allyl chloride	2.73	41	123129	26.163	ug/l	89
15) Acrylonitrile	3.15	53	201163	139.647	ug/l	99
16) Acetone	2.45	43	174091	137.805	ug/l	90
17) Carbon Disulfide	2.57	76	173266	24.539	ug/l	98
18) Methyl Acetate	2.78	43	112726	31.630	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	218408	25.735	ug/l	99
20) Methylene Chloride	2.86	84	77075	29.483	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	69084	25.506	ug/l	98
22) Diisopropyl ether	3.88	45	209559	21.886	ug/l	97
23) Vinyl Acetate	3.82	43	870748	107.115	ug/l	100
24) 1,1-Dichloroethane	3.70	63	134881	27.066	ug/l	99
25) 2-Butanone	4.71	43	248369	111.107	ug/l	97
26) 2,2-Dichloropropane	4.59	77	67941	15.587	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	72301	21.720	ug/l	92
28) Bromochloromethane	5.02	49	62352	24.833	ug/l	95
29) Tetrahydrofuran	5.17	42	156723	108.018	ug/l	94
30) Chloroform	5.22	83	120291	21.943	ug/l	98
31) Cyclohexane	5.57	56	97094	20.806	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	97590	20.180	ug/l	99
36) 1,1-Dichloropropene	5.81	75	85244	19.305	ug/l	100
37) Ethyl Acetate	4.87	43	93063	19.225	ug/l	96
38) Carbon Tetrachloride	5.79	117	85184	17.635	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93680	18.008	ug/l	98
40) Benzene	6.15	78	261997	20.022	ug/l	99
41) Methacrylonitrile	5.06	41	52567	19.835	ug/l	94
42) 1,2-Dichloroethane	6.20	62	91647	18.746	ug/l	98
43) Isopropyl Acetate	6.47	43	141570	18.624	ug/l	96
44) Trichloroethene	7.21	130	72447	18.722	ug/l	99
45) 1,2-Dichloropropane	7.52	63	67813	19.933	ug/l	100
46) Dibromomethane	7.67	93	43919	18.940	ug/l	98
47) Bromodichloromethane	7.90	83	80977	18.926	ug/l	100
48) Methyl methacrylate	7.78	41	73456	18.841	ug/l	89
49) 1,4-Dioxane	7.76	88	31583	387.444	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	481970	101.844	ug/l	93
52) Toluene	8.79	92	163484	19.764	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	92966	18.466	ug/l	95
54) cis-1,3-Dichloropropene	9.04	75	82587	18.024	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	66831	19.475	ug/l	97
56) Ethyl methacrylate	9.18	69	93814	19.960	ug/l #	88
57) 1,3-Dichloropropane	9.37	76	111510	20.174	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	258907	114.193	ug/l	100
59) 2-Hexanone	9.50	43	361569	100.590	ug/l	93
60) Dibromochloromethane	9.59	129	62922	17.561	ug/l	96
61) 1,2-Dibromoethane	9.68	107	68619	19.080	ug/l	100
64) Tetrachloroethene	9.34	164	87470	19.974	ug/l	96
65) Chlorobenzene	10.14	112	183842	18.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63835	17.975	ug/l	98
67) Ethyl Benzene	10.26	91	307034	19.289	ug/l	98
68) m/p-Xylenes	10.36	106	237845	38.410	ug/l	98
69) o-Xylene	10.70	106	114924	19.157	ug/l	97
70) Styrene	10.71	104	186183	19.140	ug/l	98
71) Bromoform	10.86	173	46498	15.913	ug/l #	100
73) Isopropylbenzene	11.02	105	305733	20.141	ug/l	100
74) N-amyl acetate	6.47	43	141570	19.550	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	96795	20.558	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95611m	23.011	ug/l	
77) Bromobenzene	11.26	156	83842	19.130	ug/l	99
78) n-propylbenzene	11.36	91	348303	20.637	ug/l	99
79) 2-Chlorotoluene	11.43	91	208388	20.267	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	252957	20.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21656	17.034	ug/l	99
82) 4-Chlorotoluene	11.51	91	241996	20.158	ug/l	99
83) tert-Butylbenzene	11.77	119	236384	18.722	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	260342	20.114	ug/l	99
85) sec-Butylbenzene	11.95	105	296668	19.880	ug/l	100
86) p-Isopropyltoluene	12.07	119	262848	19.332	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	149462	18.591	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150855	18.534	ug/l	99
89) n-Butylbenzene	12.39	91	218167	19.205	ug/l	99
90) Hexachloroethane	12.60	117	35442	17.074	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	152002	18.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19085	18.893	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	111043	18.900	ug/l	99
94) Hexachlorobutadiene	13.79	225	51498	17.606	ug/l	100
95) Naphthalene	13.83	128	327354	21.296	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108394	18.498	ug/l	99

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

