

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005747.D
 Acq On : 02 Nov 2018 11:08
 Operator : JC/MD
 Sample : VX1102WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 3:09:33 PM

Quant Time: Nov 03 00:56:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	122783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	210948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89609	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	90171	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	5.50	113	68187	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.71	98	235219	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
62) 4-Bromofluorobenzene	11.14	95	83827	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	31055	21.894	ug/l	91
3) Chloromethane	1.32	50	32289	19.299	ug/l	90
4) Vinyl Chloride	1.40	62	34514	19.828	ug/l	98
5) Bromomethane	1.64	94	35235	16.313	ug/l	94
6) Chloroethane	1.72	64	21748	21.317	ug/l	91
7) Trichlorofluoromethane	1.93	101	44259	19.809	ug/l	96
8) Diethyl Ether	2.19	74	18421	18.343	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25942	19.115	ug/l	89
10) Methyl Iodide	2.51	142	24389	19.687	ug/l	98
11) Tert butyl alcohol	3.07	59	50047	102.660	ug/l	100
12) 1,1-Dichloroethene	2.37	96	24360	18.420	ug/l	84
13) Acrolein	2.29	56	24358	78.613	ug/l	98
14) Allyl chloride	2.73	41	52848	19.326	ug/l	97
15) Acrylonitrile	3.15	53	107035	99.845	ug/l	99
16) Acetone	2.45	43	96814	99.269	ug/l	96
17) Carbon Disulfide	2.56	76	72445	17.827	ug/l	98
18) Methyl Acetate	2.78	43	51307	19.915	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	89424	19.535	ug/l	98
20) Methylene Chloride	2.85	84	30851	19.930	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	25597	18.292	ug/l	93
22) Diisopropyl ether	3.88	45	95085	18.745	ug/l #	89
23) Vinyl Acetate	3.82	43	414630	93.845	ug/l	99
24) 1,1-Dichloroethane	3.70	63	55115	19.215	ug/l	100
25) 2-Butanone	4.71	43	146069	96.461	ug/l	93
26) 2,2-Dichloropropane	4.58	77	40225	18.761	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	30799	19.587	ug/l	99
28) Bromochloromethane	5.02	49	28916	20.664	ug/l	91
29) Tetrahydrofuran	5.16	42	90062	97.442	ug/l	94
30) Chloroform	5.21	83	51232	18.269	ug/l	98
31) Cyclohexane	5.57	56	44432	18.525	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	42244	18.823	ug/l	96
36) 1,1-Dichloropropene	5.79	75	38951	17.331	ug/l	97
37) Ethyl Acetate	4.86	43	51010	17.790	ug/l	98
38) Carbon Tetrachloride	5.78	117	35959	17.709	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	41063	17.519	ug/l	95
40) Benzene	6.15	78	114167	17.075	ug/l	99
41) Methacrylonitrile	5.06	41	27532	17.771	ug/l	98
42) 1,2-Dichloroethane	6.20	62	43431	17.573	ug/l	100
43) Isopropyl Acetate	6.46	43	72039	17.310	ug/l	98
44) Trichloroethene	7.21	130	27172	17.571	ug/l	84
45) 1,2-Dichloropropane	7.52	63	31573	18.426	ug/l	94
46) Dibromomethane	7.66	93	19912	18.184	ug/l	86
47) Bromodichloromethane	7.90	83	36209	17.628	ug/l	100
48) Methyl methacrylate	7.78	41	35689	17.718	ug/l	97
49) 1,4-Dioxane	7.76	88	16747	373.380	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	254032	89.521	ug/l	99
52) Toluene	8.79	92	64107	17.726	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	37593	16.888	ug/l	95
54) cis-1,3-Dichloropropene	8.44	75	43160	18.097	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	27965	17.805	ug/l	97
56) Ethyl methacrylate	9.18	69	40285	16.834	ug/l	98
57) 1,3-Dichloropropane	9.37	76	47972	17.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	124993	89.470	ug/l	95
59) 2-Hexanone	9.50	43	202439	87.662	ug/l	97
60) Dibromochloromethane	9.59	129	25582	16.856	ug/l	99
61) 1,2-Dibromoethane	9.67	107	28612	17.878	ug/l	98
64) Tetrachloroethene	9.34	164	24925	19.162	ug/l	96
65) Chlorobenzene	10.14	112	69326	18.323	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	24308	18.768	ug/l	98
67) Ethyl Benzene	10.25	91	120190	18.614	ug/l	99
68) m/p-Xylenes	10.36	106	91594	38.174	ug/l	95
69) o-Xylene	10.70	106	42379	18.467	ug/l	94
70) Styrene	10.71	104	72935	19.136	ug/l	98
71) Bromoform	10.86	173	19429	18.514	ug/l #	96
73) Isopropylbenzene	11.02	105	118750	20.087	ug/l	100
74) N-amyl acetate	10.90	43	59095	18.775	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	47207	19.247	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	44146m	19.780	ug/l	
77) Bromobenzene	11.26	156	28812	19.646	ug/l	87
78) n-propylbenzene	11.36	91	144858	20.142	ug/l	96
79) 2-Chlorotoluene	11.42	91	85912	20.001	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	101133	20.147	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	12748	18.455	ug/l	91
82) 4-Chlorotoluene	11.51	91	101881	19.867	ug/l	96
83) tert-Butylbenzene	11.77	119	93637	19.550	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	103449	20.409	ug/l	97
85) sec-Butylbenzene	11.94	105	121972	19.853	ug/l	96
86) p-Isopropyltoluene	12.07	119	103842	19.873	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	54851	19.344	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	56000	18.383	ug/l	97
89) n-Butylbenzene	12.39	91	95757	18.164	ug/l	98
90) Hexachloroethane	12.60	117	16778	18.099	ug/l	81
91) 1,2-Dichlorobenzene	12.40	146	55158	18.619	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11243	19.544	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	35749	18.815	ug/l	99
94) Hexachlorobutadiene	13.79	225	16873	18.357	ug/l	99
95) Naphthalene	13.83	128	122683	19.634	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	38218	19.758	ug/l	98

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

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