

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110818\
 Data File : VX005844.D
 Acq On : 08 Nov 2018 14:09
 Operator : JC/MD
 Sample : VX1108WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/9/2018 11:37:10 AM

Quant Time: Nov 08 14:47:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	112499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	165775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	70814	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
35) Dibromofluoromethane	5.50	113	57757	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.71	98	187197	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.14	95	66620	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21263	20.963	ug/l	94
3) Chloromethane	1.32	50	28512	21.419	ug/l	93
4) Vinyl Chloride	1.40	62	27399	20.503	ug/l	95
5) Bromomethane	1.64	94	14929	18.255	ug/l	90
6) Chloroethane	1.73	64	16456	20.638	ug/l	95
7) Trichlorofluoromethane	1.93	101	36343	20.488	ug/l	98
8) Diethyl Ether	2.19	74	14548	20.930	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	21794	21.363	ug/l	98
10) Methyl Iodide	2.51	142	17539	14.185	ug/l	99
11) Tert butyl alcohol	3.07	59	33462	90.318	ug/l	98
12) 1,1-Dichloroethene	2.37	96	20568	20.685	ug/l #	83
13) Acrolein	2.29	56	16056	103.086	ug/l	96
14) Allyl chloride	2.73	41	46811	21.078	ug/l	97
15) Acrylonitrile	3.15	53	77767	101.285	ug/l	98
16) Acetone	2.44	43	74519	107.013	ug/l	93
17) Carbon Disulfide	2.57	76	61502	20.736	ug/l	99
18) Methyl Acetate	2.78	43	39001	20.010	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	73178	21.562	ug/l	97
20) Methylene Chloride	2.86	84	24084	21.055	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	21548	20.545	ug/l	99
22) Diisopropyl ether	3.87	45	78733	20.238	ug/l #	90
23) Vinyl Acetate	3.83	43	355686	106.631	ug/l	98
24) 1,1-Dichloroethane	3.69	63	43080	20.756	ug/l	98
25) 2-Butanone	4.70	43	114440	104.532	ug/l	93
26) 2,2-Dichloropropane	4.59	77	34627	22.743	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	24979	21.569	ug/l	98
28) Bromochloromethane	5.01	49	22413	24.162	ug/l	99
29) Tetrahydrofuran	5.15	42	71536	101.768	ug/l	99
30) Chloroform	5.21	83	42346	21.147	ug/l	86
31) Cyclohexane	5.58	56	37256	20.678	ug/l	85
32) 1,1,1-Trichloroethane	5.49	97	35433	21.214	ug/l	99
36) 1,1-Dichloropropene	5.80	75	31239	19.547	ug/l	99
37) Ethyl Acetate	4.85	43	40382	19.215	ug/l	100
38) Carbon Tetrachloride	5.78	117	30474	19.048	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	31605	19.512	ug/l	98
40) Benzene	6.14	78	95750	20.552	ug/l	96
41) Methacrylonitrile	5.06	41	22228	19.574	ug/l	97
42) 1,2-Dichloroethane	6.20	62	33393	20.012	ug/l	100
43) Isopropyl Acetate	6.46	43	58201	19.113	ug/l	98
44) Trichloroethene	7.21	130	22203	18.766	ug/l	94
45) 1,2-Dichloropropane	7.52	63	21308	18.843	ug/l	98
46) Dibromomethane	7.66	93	13715	19.328	ug/l	98
47) Bromodichloromethane	7.90	83	26134	19.488	ug/l	99
48) Methyl methacrylate	7.77	41	25834	18.894	ug/l	99
49) 1,4-Dioxane	7.74	88	10139	344.113	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	177407	92.439	ug/l	99
52) Toluene	8.79	92	47964	18.421	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	28590	18.066	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	31388	19.460	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	21234	18.298	ug/l	92
56) Ethyl methacrylate	9.18	69	30576	17.610	ug/l	96
57) 1,3-Dichloropropane	9.37	76	35620	18.266	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	86830	97.014	ug/l	99
59) 2-Hexanone	9.49	43	163846	96.854	ug/l	97
60) Dibromochloromethane	9.59	129	24122	19.234	ug/l	97
61) 1,2-Dibromoethane	9.68	107	24317	18.951	ug/l	96
64) Tetrachloroethene	9.34	164	25335	20.500	ug/l	92
65) Chlorobenzene	10.14	112	58973	20.280	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	20959	20.731	ug/l	98
67) Ethyl Benzene	10.26	91	96654	20.728	ug/l	95
68) m/p-Xylenes	10.36	106	78118	43.920	ug/l	96
69) o-Xylene	10.70	106	32868	20.608	ug/l	98
70) Styrene	10.71	104	55503	21.096	ug/l	99
71) Bromoform	10.86	173	17004	20.064	ug/l #	97
73) Isopropylbenzene	11.02	105	92603	21.788	ug/l	100
74) N-amyl acetate	10.90	43	43960	19.223	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	31578	20.242	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	31519m	21.061	ug/l	
77) Bromobenzene	11.26	156	24785	20.689	ug/l	99
78) n-propylbenzene	11.36	91	106920	21.346	ug/l	99
79) 2-Chlorotoluene	11.42	91	64649	21.353	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	78160	21.640	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	9434	20.091	ug/l	98
82) 4-Chlorotoluene	11.51	91	75923	21.278	ug/l	100
83) tert-Butylbenzene	11.77	119	75804	20.746	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	81183	20.296	ug/l	99
85) sec-Butylbenzene	11.94	105	92807	20.770	ug/l	100
86) p-Isopropyltoluene	12.07	119	83071	20.989	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	45712	19.883	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	46219	19.638	ug/l	99
89) n-Butylbenzene	12.39	91	72957	19.889	ug/l	99
90) Hexachloroethane	12.60	117	13676	20.696	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	45146	19.602	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7575	19.898	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	32831	20.249	ug/l	100
94) Hexachlorobutadiene	13.78	225	16773	19.694	ug/l	97
95) Naphthalene	13.83	128	98521	19.371	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	34254	20.737	ug/l	99

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

