

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005855.D
 Acq On : 09 Nov 2018 12:26
 Operator : JC/MD
 Sample : VX1109WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:11:41 AM

Quant Time: Nov 12 00:12:10 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	5.66	168	111610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	152202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	141698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	62966	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.51	113	49192	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	8.71	98	184453	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	11.14	95	68485	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	19766	19.642	ug/l	99
3) Chloromethane	1.32	50	26346	19.950	ug/l	89
4) Vinyl Chloride	1.40	62	25595	19.306	ug/l	98
5) Bromomethane	1.64	94	14986	18.471	ug/l	99
6) Chloroethane	1.72	64	16338	20.653	ug/l	99
7) Trichlorofluoromethane	1.93	101	35275	20.045	ug/l	98
8) Diethyl Ether	2.19	74	14162	20.537	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20565	20.319	ug/l	98
10) Methyl Iodide	2.51	142	21412	17.455	ug/l	98
11) Tert butyl alcohol	3.05	59	35075	95.426	ug/l	98
12) 1,1-Dichloroethene	2.37	96	19725	19.995	ug/l	88
13) Acrolein	2.29	56	13685	91.263	ug/l	98
14) Allyl chloride	2.73	41	43492	19.740	ug/l	99
15) Acrylonitrile	3.15	53	73551	96.557	ug/l	97
16) Acetone	2.44	43	68394	98.999	ug/l #	85
17) Carbon Disulfide	2.57	76	56500	19.201	ug/l	98
18) Methyl Acetate	2.78	43	37986	19.616	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	70340	20.891	ug/l	96
20) Methylene Chloride	2.85	84	21371	18.832	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	19996	19.217	ug/l	92
22) Diisopropyl ether	3.87	45	80096	20.752	ug/l	98
23) Vinyl Acetate	3.82	43	343812	103.892	ug/l	99
24) 1,1-Dichloroethane	3.70	63	42247	20.516	ug/l	98
25) 2-Butanone	4.70	43	106564	98.113	ug/l	96
26) 2,2-Dichloropropane	4.57	77	31808	21.058	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	22518	19.599	ug/l	98
28) Bromochloromethane	5.02	49	18550	20.157	ug/l	97
29) Tetrahydrofuran	5.15	42	68151	97.724	ug/l	99
30) Chloroform	5.21	83	38352	19.305	ug/l	96
31) Cyclohexane	5.58	56	35645	19.941	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	33427	20.172	ug/l	99
36) 1,1-Dichloropropene	5.80	75	28367	19.333	ug/l	98
37) Ethyl Acetate	4.85	43	37852	19.618	ug/l	98
38) Carbon Tetrachloride	5.78	117	30079	20.477	ug/l #	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	31832	21.405	ug/l	96
40) Benzene	6.15	78	84444	19.742	ug/l	99
41) Methacrylonitrile	5.06	41	20571	19.731	ug/l #	87
42) 1,2-Dichloroethane	6.20	62	31707	20.696	ug/l	100
43) Isopropyl Acetate	6.45	43	54518	19.500	ug/l	97
44) Trichloroethene	7.21	130	22536	20.746	ug/l	88
45) 1,2-Dichloropropane	7.51	63	22319	21.498	ug/l	99
46) Dibromomethane	7.66	93	14108	21.655	ug/l	98
47) Bromodichloromethane	7.90	83	27134	22.038	ug/l	100
48) Methyl methacrylate	7.77	41	27099	21.586	ug/l	98
49) 1,4-Dioxane	7.75	88	11767	434.981	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	185006	104.995	ug/l	100
52) Toluene	8.79	92	50062	20.941	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	29614	20.382	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	32170	21.723	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	20660	19.391	ug/l	98
56) Ethyl methacrylate	9.18	69	30985	19.437	ug/l	100
57) 1,3-Dichloropropane	9.37	76	35226	19.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	90483	108.993	ug/l	99
59) 2-Hexanone	9.49	43	147049	94.677	ug/l	99
60) Dibromochloromethane	9.59	129	21579	18.741	ug/l	99
61) 1,2-Dibromoethane	9.67	107	21520	18.266	ug/l	99
64) Tetrachloroethene	9.34	164	23064	19.118	ug/l	98
65) Chlorobenzene	10.14	112	56763	19.996	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	20183	20.451	ug/l	98
67) Ethyl Benzene	10.25	91	96690	21.242	ug/l	100
68) m/p-Xylenes	10.36	106	74529	42.925	ug/l	99
69) o-Xylene	10.70	106	35618	22.877	ug/l	100
70) Styrene	10.71	104	58993	22.970	ug/l	99
71) Bromoform	10.86	173	17205	20.797	ug/l #	99
73) Isopropylbenzene	11.02	105	98505	21.774	ug/l	99
74) N-amyl acetate	10.90	43	46168	18.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	33369	20.096	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	32801m	20.591	ug/l	
77) Bromobenzene	11.26	156	25856	20.277	ug/l	99
78) n-propylbenzene	11.36	91	114565	21.488	ug/l	99
79) 2-Chlorotoluene	11.42	91	68915	21.384	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	83727	21.779	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	10084	20.176	ug/l	98
82) 4-Chlorotoluene	11.51	91	81511	21.461	ug/l	100
83) tert-Butylbenzene	11.77	119	82341	21.171	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	86271	20.263	ug/l	100
85) sec-Butylbenzene	11.94	105	101015	21.239	ug/l	100
86) p-Isopropyltoluene	12.07	119	90554	21.495	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	48531	19.831	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	49128	19.611	ug/l	99
89) n-Butylbenzene	12.39	91	80477	20.611	ug/l	99
90) Hexachloroethane	12.60	117	14623	20.790	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	48817	19.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7915	19.533	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	35921	20.814	ug/l	99
94) Hexachlorobutadiene	13.78	225	18678	20.603	ug/l	97
95) Naphthalene	13.83	128	105763	19.526	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	36938	21.009	ug/l	97

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

