

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005951.D
 Acq On : 13 Nov 2018 16:20
 Operator : JC/MD
 Sample : VX1113WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/14/2018 9:51:32 AM

Quant Time: Nov 14 04:13:59 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	93956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	129674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	119347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	67394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	58986	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
35) Dibromofluoromethane	5.50	113	45327	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	8.71	98	160564	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
62) 4-Bromofluorobenzene	11.14	95	58610	55.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	17746	20.949	ug/l	95
3) Chloromethane	1.32	50	22389	20.139	ug/l	98
4) Vinyl Chloride	1.41	62	22912	20.529	ug/l	98
5) Bromomethane	1.64	94	13886	20.331	ug/l	98
6) Chloroethane	1.72	64	13916	20.897	ug/l	95
7) Trichlorofluoromethane	1.93	101	31894	21.529	ug/l	99
8) Diethyl Ether	2.19	74	12408	21.375	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	17787	20.876	ug/l	98
10) Methyl Iodide	2.51	142	21277	20.604	ug/l	98
11) Tert butyl alcohol	3.06	59	32241	104.197	ug/l	100
12) 1,1-Dichloroethene	2.38	96	17455	21.018	ug/l #	76
13) Acrolein	2.29	56	19297	139.932	ug/l	96
14) Allyl chloride	2.73	41	40706	21.947	ug/l	99
15) Acrylonitrile	3.15	53	70940	110.628	ug/l	99
16) Acetone	2.44	43	74226	127.629	ug/l	93
17) Carbon Disulfide	2.57	76	47526	19.186	ug/l	100
18) Methyl Acetate	2.78	43	37285	23.126	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	61956	21.858	ug/l	98
20) Methylene Chloride	2.86	84	20325	21.275	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	17754	20.269	ug/l	92
22) Diisopropyl ether	3.87	45	67569	20.796	ug/l #	94
23) Vinyl Acetate	3.83	43	302384	108.542	ug/l	95
24) 1,1-Dichloroethane	3.70	63	38621	22.279	ug/l	99
25) 2-Butanone	4.70	43	102061	111.623	ug/l	94
26) 2,2-Dichloropropane	4.59	77	27857	21.907	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	20749	21.453	ug/l	98
28) Bromochloromethane	5.02	49	18931	24.436	ug/l	95
29) Tetrahydrofuran	5.15	42	65722	111.949	ug/l	98
30) Chloroform	5.21	83	36755	21.977	ug/l	97
31) Cyclohexane	5.57	56	28691	19.067	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	30221	21.664	ug/l	99
36) 1,1-Dichloropropene	5.80	75	24895	19.915	ug/l	98
37) Ethyl Acetate	4.86	43	34495	20.984	ug/l	98
38) Carbon Tetrachloride	5.79	117	25988	20.766	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	26743	21.107	ug/l	99
40) Benzene	6.15	78	81841	22.457	ug/l	97
41) Methacrylonitrile	5.05	41	19200	21.615	ug/l	99
42) 1,2-Dichloroethane	6.20	62	29551	22.639	ug/l	99
43) Isopropyl Acetate	6.46	43	46166	19.381	ug/l	97
44) Trichloroethene	7.21	130	19283	20.836	ug/l	82
45) 1,2-Dichloropropane	7.52	63	19334	21.858	ug/l	96
46) Dibromomethane	7.66	93	12364	22.275	ug/l	97
47) Bromodichloromethane	7.90	83	23877	22.762	ug/l	95
48) Methyl methacrylate	7.77	41	23715	22.172	ug/l	100
49) 1,4-Dioxane	7.75	88	9994	433.622	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	166165	110.685	ug/l	99
52) Toluene	8.79	92	43229	21.224	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	25272	20.415	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	28254	22.393	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	18217	20.069	ug/l	98
56) Ethyl methacrylate	9.18	69	26053	19.182	ug/l	97
57) 1,3-Dichloropropane	9.37	76	30543	20.022	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	78337	110.622	ug/l	100
59) 2-Hexanone	9.49	43	132567	100.181	ug/l	98
60) Dibromochloromethane	9.59	129	18898	19.264	ug/l	99
61) 1,2-Dibromoethane	9.67	107	18828	18.758	ug/l	100
64) Tetrachloroethene	9.34	164	20169	19.849	ug/l	96
65) Chlorobenzene	10.14	112	49153	20.558	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	18152	21.838	ug/l	99
67) Ethyl Benzene	10.25	91	81497	21.257	ug/l	99
68) m/p-Xylenes	10.36	106	63986	43.755	ug/l	99
69) o-Xylene	10.70	106	30056	22.920	ug/l	99
70) Styrene	10.71	104	49892	23.064	ug/l	98
71) Bromoform	10.86	173	15471	22.203	ug/l #	98
73) Isopropylbenzene	11.02	105	83521	21.430	ug/l	100
74) N-amyl acetate	10.90	43	39884	19.033	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	29715	20.773	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	29111m	21.213	ug/l	
77) Bromobenzene	11.26	156	22570	20.546	ug/l	100
78) n-propylbenzene	11.36	91	97595	21.248	ug/l	98
79) 2-Chlorotoluene	11.42	91	58918	21.222	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	71733	21.659	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	8726	20.266	ug/l	93
82) 4-Chlorotoluene	11.51	91	69342	21.193	ug/l	100
83) tert-Butylbenzene	11.77	119	69362	20.702	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	73523	20.044	ug/l	100
85) sec-Butylbenzene	11.94	105	85012	20.748	ug/l	100
86) p-Isopropyltoluene	12.07	119	75712	20.862	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	41363	19.620	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	42864	19.862	ug/l	99
89) n-Butylbenzene	12.39	91	66131	19.661	ug/l	98
90) Hexachloroethane	12.60	117	12029	19.852	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	41986	19.880	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7404	21.210	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	29778	20.029	ug/l	98
94) Hexachlorobutadiene	13.79	225	15383	19.697	ug/l	99
95) Naphthalene	13.83	128	91181	19.540	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	31387	20.722	ug/l	97

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

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