

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
 Data File : VX006064.D
 Acq On : 17 Nov 2018 12:38
 Operator : JC/MD
 Sample : VX1117WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 9:24:38 AM

Quant Time: Nov 19 00:29:23 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	116933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	166602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	145046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95870	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	69062	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	5.49	113	57775	50.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	8.71	98	185313	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.14	95	68431	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	18283	17.34	ug/l	99
3) Chloromethane	1.32	50	23556	17.02	ug/l	96
4) Vinyl Chloride	1.41	62	24752	17.82	ug/l	100
5) Bromomethane	1.64	94	12997	15.29	ug/l	100
6) Chloroethane	1.72	64	15760	19.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	34006	18.44	ug/l	98
8) Diethyl Ether	2.19	74	14587	20.19	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20351	19.19	ug/l	99
10) Methyl Iodide	2.51	142	21113	16.43	ug/l	95
11) Tert butyl alcohol	3.07	59	38277	99.40	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19551	18.92	ug/l	89
13) Acrolein	2.29	56	9891	68.90	ug/l	97
14) Allyl chloride	2.73	41	45113	19.54	ug/l	99
15) Acrylonitrile	3.15	53	85384	106.99	ug/l	99
16) Acetone	2.45	43	77757	107.43	ug/l	98
17) Carbon Disulfide	2.57	76	48076	15.59	ug/l	99
18) Methyl Acetate	2.78	43	44574	22.15	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	75919	21.52	ug/l	94
20) Methylene Chloride	2.86	84	24084	20.26	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	20843	19.12	ug/l	92
22) Diisopropyl ether	3.87	45	82963	20.52	ug/l	93
23) Vinyl Acetate	3.82	43	345382	99.62	ug/l	99
24) 1,1-Dichloroethane	3.70	63	43731	20.27	ug/l	99
25) 2-Butanone	4.70	43	116557	102.43	ug/l	96
26) 2,2-Dichloropropane	4.58	77	33608	21.24	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	24169	20.08	ug/l	99
28) Bromochloromethane	5.01	49	21729	22.54	ug/l	96
29) Tetrahydrofuran	5.15	42	73980	101.25	ug/l	99
30) Chloroform	5.22	83	42055	20.21	ug/l	99
31) Cyclohexane	5.57	56	30727	16.41	ug/l	90
32) 1,1,1-Trichloroethane	5.50	97	33832	19.49	ug/l	100
36) 1,1-Dichloropropene	5.80	75	29252	18.21	ug/l	96
37) Ethyl Acetate	4.85	43	41353	19.58	ug/l	100
38) Carbon Tetrachloride	5.78	117	29341	18.25	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	25787	15.84	ug/l	91
40) Benzene	6.15	78	90754	19.38	ug/l	97
41) Methacrylonitrile	5.06	41	22665	19.86	ug/l	99
42) 1,2-Dichloroethane	6.20	62	32855	19.59	ug/l	99
43) Isopropyl Acetate	6.46	43	56649	18.51	ug/l	97
44) Trichloroethene	7.21	130	21374	17.98	ug/l	96
45) 1,2-Dichloropropane	7.52	63	22267	19.59	ug/l	97
46) Dibromomethane	7.66	93	13782	19.33	ug/l	98
47) Bromodichloromethane	7.90	83	26882	19.95	ug/l	98
48) Methyl methacrylate	7.77	41	26689	19.42	ug/l	98
49) 1,4-Dioxane	7.75	88	11457	386.91	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	185796	96.33	ug/l	98
52) Toluene	8.79	92	48230	18.43	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	29443	18.51	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	31890	19.67	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	24048	20.62	ug/l	89
56) Ethyl methacrylate	9.18	69	31303	17.94	ug/l	98
57) 1,3-Dichloropropane	9.37	76	40718	20.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	87678	97.44	ug/l	99
59) 2-Hexanone	9.49	43	168191	98.93	ug/l	98
60) Dibromochloromethane	9.59	129	24292	19.27	ug/l	98
61) 1,2-Dibromoethane	9.67	107	25688	19.92	ug/l	98
64) Tetrachloroethene	9.34	164	26774	21.68	ug/l	92
65) Chlorobenzene	10.14	112	57194	19.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	20744	20.53	ug/l	100
67) Ethyl Benzene	10.25	91	90285	19.38	ug/l	99
68) m/p-Xylenes	10.36	106	70104	39.44	ug/l	99
69) o-Xylene	10.70	106	33295	20.89	ug/l	100
70) Styrene	10.71	104	56707	21.57	ug/l	99
71) Bromoform	10.86	173	17696	20.90	ug/l #	99
73) Isopropylbenzene	11.02	105	94531	17.05	ug/l	100
74) N-amyl acetate	10.90	43	44146	15.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	33706	16.56	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	33503m	17.16	ug/l	
77) Bromobenzene	11.26	156	25599	16.38	ug/l	100
78) n-propylbenzene	11.36	91	108595	16.62	ug/l	99
79) 2-Chlorotoluene	11.42	91	65132	16.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	80109	17.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	10476	17.10	ug/l	99
82) 4-Chlorotoluene	11.51	91	76540	16.44	ug/l	100
83) tert-Butylbenzene	11.77	119	91361	19.17	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	96975	18.58	ug/l	97
85) sec-Butylbenzene	11.94	105	116341	19.96	ug/l	99
86) p-Isopropyltoluene	12.07	119	109875	21.28	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	62897	20.97	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	61716	20.10	ug/l	98
89) n-Butylbenzene	12.39	91	93944	19.63	ug/l	100
90) Hexachloroethane	12.60	117	17709	20.55	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	63027	20.98	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9646	19.43	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44764	21.17	ug/l	98
94) Hexachlorobutadiene	13.78	225	22059	19.86	ug/l	100
95) Naphthalene	13.83	128	132993	20.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	46357	21.51	ug/l	99

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

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