

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006082.D
 Acq On : 19 Nov 2018 11:14
 Operator : JC/MD
 Sample : VX1119WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 9:59:31 AM

Quant Time: Nov 19 13:30:29 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	108195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	154594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	138523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	76547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	59266	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
35) Dibromofluoromethane	5.50	113	48329	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
50) Toluene-d8	8.71	98	177218	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.14	95	64649	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	14780	15.15	ug/l	99
3) Chloromethane	1.32	50	19873	15.52	ug/l	100
4) Vinyl Chloride	1.40	62	20982	16.33	ug/l	99
5) Bromomethane	1.64	94	13405	17.04	ug/l	97
6) Chloroethane	1.72	64	13730	17.90	ug/l	100
7) Trichlorofluoromethane	1.93	101	30504	17.88	ug/l	97
8) Diethyl Ether	2.19	74	13097	19.59	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18254	18.60	ug/l	99
10) Methyl Iodide	2.51	142	17515	14.73	ug/l	99
11) Tert butyl alcohol	3.07	59	33152	93.04	ug/l	100
12) 1,1-Dichloroethene	2.37	96	16753	17.52	ug/l	94
13) Acrolein	2.29	56	16857	110.78	ug/l	100
14) Allyl chloride	2.73	41	41354	19.36	ug/l	98
15) Acrylonitrile	3.15	53	74984	101.55	ug/l	99
16) Acetone	2.45	43	71271	106.42	ug/l	100
17) Carbon Disulfide	2.57	76	46041	16.14	ug/l	98
18) Methyl Acetate	2.78	43	38849	20.78	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	67209	20.59	ug/l	100
20) Methylene Chloride	2.85	84	20508	18.64	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	18316	18.16	ug/l	100
22) Diisopropyl ether	3.87	45	70289	18.79	ug/l	# 94
23) Vinyl Acetate	3.82	43	278352	86.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	36950	18.51	ug/l	99
25) 2-Butanone	4.70	43	104064	98.84	ug/l	100
26) 2,2-Dichloropropane	4.59	77	29396	20.08	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	20796	18.67	ug/l	99
28) Bromochloromethane	5.01	49	17671	19.81	ug/l	99
29) Tetrahydrofuran	5.16	42	64937	96.05	ug/l	99
30) Chloroform	5.21	83	36553	18.98	ug/l	98
31) Cyclohexane	5.57	56	28457	16.42	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	30836	19.20	ug/l	99
36) 1,1-Dichloropropene	5.80	75	25754	17.28	ug/l	98
37) Ethyl Acetate	4.86	43	34596	17.65	ug/l	99
38) Carbon Tetrachloride	5.78	117	26758	17.93	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	26284	17.40	ug/l	97
40) Benzene	6.14	78	76478	17.60	ug/l	99
41) Methacrylonitrile	5.06	41	20274	19.14	ug/l	99
42) 1,2-Dichloroethane	6.20	62	28855	18.54	ug/l	100
43) Isopropyl Acetate	6.46	43	50675	17.84	ug/l	98
44) Trichloroethene	7.21	130	20727	18.79	ug/l	98
45) 1,2-Dichloropropane	7.52	63	20950	19.87	ug/l	99
46) Dibromomethane	7.66	93	13722	20.74	ug/l	99
47) Bromodichloromethane	7.90	83	28136	22.50	ug/l	99
48) Methyl methacrylate	7.77	41	25505	20.00	ug/l	98
49) 1,4-Dioxane	7.76	88	11738	427.19	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	189572	105.92	ug/l	99
52) Toluene	8.79	92	48033	19.78	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	29435	19.95	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	32257	21.44	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	21103	19.50	ug/l	99
56) Ethyl methacrylate	9.18	69	28828	17.80	ug/l	100
57) 1,3-Dichloropropane	9.37	76	35035	19.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	85905	102.42	ug/l	99
59) 2-Hexanone	9.49	43	152666	96.77	ug/l	100
60) Dibromochloromethane	9.59	129	22648	19.36	ug/l	99
61) 1,2-Dibromoethane	9.67	107	21572	18.03	ug/l	99
64) Tetrachloroethene	9.34	164	21622	18.33	ug/l	98
65) Chlorobenzene	10.14	112	55357	19.95	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	20720	21.48	ug/l	99
67) Ethyl Benzene	10.25	91	92244	20.73	ug/l	100
68) m/p-Xylenes	10.36	106	71208	41.95	ug/l	100
69) o-Xylene	10.70	106	33670	22.12	ug/l	98
70) Styrene	10.71	104	57404	22.86	ug/l	100
71) Bromoform	10.86	173	19057	23.56	ug/l #	99
73) Isopropylbenzene	11.02	105	94431	21.33	ug/l	99
74) N-amyl acetate	10.90	43	41786	17.65	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	34419	21.18	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	33377m	21.41	ug/l	
77) Bromobenzene	11.26	156	25265	20.25	ug/l	100
78) n-propylbenzene	11.36	91	108267	20.75	ug/l	100
79) 2-Chlorotoluene	11.42	91	66076	20.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	79399	21.11	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	10715	21.91	ug/l	99
82) 4-Chlorotoluene	11.51	91	77423	20.83	ug/l	100
83) tert-Butylbenzene	11.77	119	78695	20.68	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	82809	19.88	ug/l	99
85) sec-Butylbenzene	11.94	105	96671	20.77	ug/l	100
86) p-Isopropyltoluene	12.07	119	86171	20.90	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	46713	19.51	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	47385	19.33	ug/l	98
89) n-Butylbenzene	12.39	91	74315	19.45	ug/l	99
90) Hexachloroethane	12.60	117	14328	20.82	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	47201	19.68	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8683	21.90	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	34279	20.30	ug/l	99
94) Hexachlorobutadiene	13.78	225	16880	19.03	ug/l	99
95) Naphthalene	13.83	128	103823	19.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	35137	20.42	ug/l	100

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

