

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013815.D
 Acq On : 06 Dec 2019 22:04
 Operator : JC/SP
 Sample : VX1206WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBSD02

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:14 AM

Quant Time: Dec 07 04:53:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	600207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	917174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	818489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	402037	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	308461	44.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.54%		
35) Dibromofluoromethane	5.49	113	255765	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.22%		
50) Toluene-d8	8.71	98	984371	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.12%		
62) 4-Bromofluorobenzene	11.14	95	351313	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.20%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	119623	17.906	ug/l	100
3) Chloromethane	1.32	50	139090	18.555	ug/l	97
4) Vinyl Chloride	1.40	62	162612	19.273	ug/l	97
5) Bromomethane	1.63	94	97302	17.173	ug/l	97
6) Chloroethane	1.72	64	88853	18.507	ug/l	98
7) Trichlorofluoromethane	1.92	101	174728	18.650	ug/l	99
8) Diethyl Ether	2.18	74	83644	19.735	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105457	18.429	ug/l	97
10) Methyl Iodide	2.50	142	121126	17.498	ug/l	99
11) Tert butyl alcohol	3.03	59	149534	86.954	ug/l	100
12) 1,1-Dichloroethene	2.36	96	108905	19.066	ug/l	97
13) Acrolein	2.28	56	94858	86.502	ug/l	97
14) Allyl chloride	2.72	41	189159	18.248	ug/l	99
15) Acrylonitrile	3.13	53	336410	94.770	ug/l	99
16) Acetone	2.43	43	380511	110.623	ug/l	99
17) Carbon Disulfide	2.56	76	273841	16.817	ug/l	100
18) Methyl Acetate	2.76	43	197883	20.660	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	370075	19.557	ug/l	99
20) Methylene Chloride	2.85	84	125841	19.043	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	116178	18.670	ug/l	99
22) Diisopropyl ether	3.84	45	391476	19.613	ug/l	98
23) Vinyl Acetate	3.80	43	1259095	75.829	ug/l	100
24) 1,1-Dichloroethane	3.69	63	216162	19.811	ug/l	99
25) 2-Butanone	4.66	43	512321	100.218	ug/l	100
26) 2,2-Dichloropropane	4.58	77	136477	15.118	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	135493	18.961	ug/l	97
28) Bromochloromethane	5.01	49	90157	20.902	ug/l	99
29) Tetrahydrofuran	5.12	42	302533	95.998	ug/l	99
30) Chloroform	5.20	83	207959	18.793	ug/l	100
31) Cyclohexane	5.57	56	181419	17.628	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	175850	19.016	ug/l	100
36) 1,1-Dichloropropene	5.79	75	153492	18.436	ug/l	98
37) Ethyl Acetate	4.82	43	175855	18.828	ug/l	99
38) Carbon Tetrachloride	5.78	117	146969	19.144	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	179953	17.486	ug/l	97
40) Benzene	6.14	78	484103	19.091	ug/l	99
41) Methacrylonitrile	5.03	41	98666	19.262	ug/l	99
42) 1,2-Dichloroethane	6.18	62	168393	19.472	ug/l	99
43) Isopropyl Acetate	6.43	43	288603	18.769	ug/l	99
44) Trichloroethene	7.21	130	134370	19.308	ug/l	91
45) 1,2-Dichloropropane	7.51	63	129185	20.362	ug/l	97
46) Dibromomethane	7.65	93	81338	18.877	ug/l	99
47) Bromodichloromethane	7.89	83	158609	19.471	ug/l	98
48) Methyl methacrylate	7.76	41	143751	19.241	ug/l	98
49) 1,4-Dioxane	7.73	88	57203	342.053	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	941316	97.320	ug/l	99
52) Toluene	8.78	92	300009	19.045	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	166128	17.917	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	185156	18.278	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	124916	19.678	ug/l	95
56) Ethyl methacrylate	9.17	69	194327	19.040	ug/l	100
57) 1,3-Dichloropropane	9.37	76	214614	19.614	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	369775	92.407	ug/l	99
59) 2-Hexanone	9.49	43	731635	96.986	ug/l	99
60) Dibromochloromethane	9.57	129	127067	19.288	ug/l	98
61) 1,2-Dibromoethane	9.67	107	130631	19.267	ug/l	99
64) Tetrachloroethene	9.33	164	178853	29.302	ug/l	97
65) Chlorobenzene	10.14	112	323049	19.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	119857	19.642	ug/l	99
67) Ethyl Benzene	10.25	91	566794	19.410	ug/l	98
68) m/p-Xylenes	10.35	106	431304	38.578	ug/l	100
69) o-Xylene	10.70	106	209535	19.217	ug/l	96
70) Styrene	10.71	104	352232	19.204	ug/l	99
71) Bromoform	10.85	173	93371	18.493	ug/l #	99
73) Isopropylbenzene	11.01	105	554408	19.659	ug/l	100
74) N-amyl acetate	10.89	43	247221	19.137	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	189266	19.352	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	179214m	19.819	ug/l	
77) Bromobenzene	11.25	156	147508	19.361	ug/l	99
78) n-propylbenzene	11.35	91	618267	19.639	ug/l	100
79) 2-Chlorotoluene	11.42	91	372772	19.739	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	462994	20.031	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54554	16.505	ug/l	95
82) 4-Chlorotoluene	11.51	91	422689	19.325	ug/l	99
83) tert-Butylbenzene	11.76	119	403490	17.177	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	463640	19.765	ug/l	100
85) sec-Butylbenzene	11.94	105	528718	19.706	ug/l	100
86) p-Isopropyltoluene	12.06	119	489845	19.625	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	252722	19.029	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	251838	18.617	ug/l	99
89) n-Butylbenzene	12.38	91	402410	18.902	ug/l	100
90) Hexachloroethane	12.59	117	83122	18.424	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	255730	19.489	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40584	19.056	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	164523	17.991	ug/l	97
94) Hexachlorobutadiene	13.77	225	80320	18.283	ug/l	99
95) Naphthalene	13.83	128	522765	19.195	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	173332	19.143	ug/l	99

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

