

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013471.D
 Acq On : 20 Nov 2019 11:36
 Operator : JC/SP
 Sample : VX1120WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/21/2019 9:51:00 AM

Quant Time: Nov 21 01:10:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	599129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	895333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	815121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	319958	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
35) Dibromofluoromethane	5.48	113	261944	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
50) Toluene-d8	8.71	98	983427	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.13	95	351726	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	113782	16.483	ug/l	99
3) Chloromethane	1.31	50	125962	16.826	ug/l	96
4) Vinyl Chloride	1.40	62	149849	17.583	ug/l	99
5) Bromomethane	1.62	94	90442	15.228	ug/l	96
6) Chloroethane	1.72	64	84664	16.582	ug/l	95
7) Trichlorofluoromethane	1.92	101	168569	16.741	ug/l	97
8) Diethyl Ether	2.17	74	82937	18.627	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103712	18.480	ug/l	100
10) Methyl Iodide	2.50	142	112073	16.130	ug/l	96
11) Tert butyl alcohol	3.03	59	167350	89.454	ug/l	99
12) 1,1-Dichloroethene	2.36	96	101274	18.428	ug/l	99
13) Acrolein	2.28	56	79465	78.374	ug/l	97
14) Allyl chloride	2.72	41	196030	19.631	ug/l	93
15) Acrylonitrile	3.12	53	351210	100.502	ug/l	99
16) Acetone	2.43	43	307221	86.777	ug/l	99
17) Carbon Disulfide	2.56	76	243008	16.520	ug/l	100
18) Methyl Acetate	2.76	43	204596	20.932	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	373932	20.400	ug/l	98
20) Methylene Chloride	2.84	84	121585	18.588	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	110626	18.488	ug/l	98
22) Diisopropyl ether	3.84	45	401139	20.808	ug/l	91
23) Vinyl Acetate	3.80	43	1645827	99.770	ug/l	100
24) 1,1-Dichloroethane	3.68	63	208680	19.350	ug/l	99
25) 2-Butanone	4.65	43	497716	95.830	ug/l	99
26) 2,2-Dichloropropane	4.56	77	167968	19.579	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	133413	19.903	ug/l	99
28) Bromochloromethane	5.00	49	60232	19.671	ug/l	99
29) Tetrahydrofuran	5.11	42	318208	99.422	ug/l	99
30) Chloroform	5.19	83	209965	19.717	ug/l	98
31) Cyclohexane	5.56	56	177339	18.275	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	171988	18.767	ug/l	99
36) 1,1-Dichloropropene	5.79	75	146099	19.021	ug/l	97
37) Ethyl Acetate	4.82	43	187801	19.787	ug/l	100
38) Carbon Tetrachloride	5.77	117	144614	19.254	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	181070	18.920	ug/l	97
40) Benzene	6.13	78	463265	19.363	ug/l	98
41) Methacrylonitrile	5.03	41	106452	20.011	ug/l	98
42) 1,2-Dichloroethane	6.18	62	172362	19.972	ug/l	98
43) Isopropyl Acetate	6.43	43	303943	20.566	ug/l	99
44) Trichloroethene	7.20	130	124081	18.840	ug/l	99
45) 1,2-Dichloropropane	7.50	63	122833	20.149	ug/l	98
46) Dibromomethane	7.65	93	81727	19.635	ug/l	97
47) Bromodichloromethane	7.89	83	161074	20.522	ug/l	96
48) Methyl methacrylate	7.76	41	148719	20.159	ug/l	97
49) 1,4-Dioxane	7.73	88	67368	398.744	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	977749	100.837	ug/l	100
52) Toluene	8.78	92	291175	19.636	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	176023	20.509	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	194829	20.293	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	127751	20.785	ug/l	98
56) Ethyl methacrylate	9.17	69	194808	19.548	ug/l	99
57) 1,3-Dichloropropane	9.37	76	211599	20.280	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	412139	98.067	ug/l	99
59) 2-Hexanone	9.48	43	747140	99.710	ug/l	100
60) Dibromochloromethane	9.57	129	129987	20.678	ug/l	97
61) 1,2-Dibromoethane	9.67	107	130124	19.937	ug/l	99
64) Tetrachloroethene	9.33	164	111071	19.035	ug/l	95
65) Chlorobenzene	10.14	112	326145	19.763	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	122005	20.135	ug/l	97
67) Ethyl Benzene	10.25	91	549955	19.309	ug/l	98
68) m/p-Xylenes	10.35	106	423495	39.316	ug/l	100
69) o-Xylene	10.70	106	206565	19.588	ug/l	100
70) Styrene	10.71	104	346962	19.682	ug/l	99
71) Bromoform	10.85	173	99867	19.840	ug/l #	99
73) Isopropylbenzene	11.01	105	548649	20.419	ug/l	100
74) N-amyl acetate	10.89	43	259982	20.865	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	207905	21.210	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	163480m	19.860	ug/l	
77) Bromobenzene	11.25	156	145878	20.365	ug/l	98
78) n-propylbenzene	11.35	91	610776	20.406	ug/l	99
79) 2-Chlorotoluene	11.42	91	365639	20.276	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	452430	20.215	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	61772	19.316	ug/l	100
82) 4-Chlorotoluene	11.51	91	412605	19.546	ug/l	98
83) tert-Butylbenzene	11.76	119	459983	20.417	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	460086	20.493	ug/l	100
85) sec-Butylbenzene	11.94	105	534150	20.629	ug/l	100
86) p-Isopropyltoluene	12.06	119	490645	20.578	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	252091	19.744	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	254445	19.559	ug/l	99
89) n-Butylbenzene	12.39	91	408040	19.613	ug/l	100
90) Hexachloroethane	12.59	117	84662	19.929	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	255336	20.006	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42882	17.956	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	170997	19.207	ug/l	98
94) Hexachlorobutadiene	13.78	225	83167	19.094	ug/l	99
95) Naphthalene	13.83	128	527407	18.881	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	172980	19.374	ug/l	98

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

