

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012020\
 Data File : VX014666.D
 Acq On : 20 Jan 2020 11:09
 Operator : JC/SP
 Sample : VX0120WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 2:14:49 PM

Quant Time: Jan 21 00:43:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	646120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	581920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	293519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	245426	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	5.48	113	199591	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	8.71	98	771744	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	272936	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	103148	19.348	ug/l	99
3) Chloromethane	1.32	50	110088	19.951	ug/l	97
4) Vinyl Chloride	1.40	62	127087	20.669	ug/l	99
5) Bromomethane	1.63	94	73307	17.986	ug/l	100
6) Chloroethane	1.72	64	68501	19.663	ug/l	99
7) Trichlorofluoromethane	1.92	101	136133	19.517	ug/l	97
8) Diethyl Ether	2.18	74	60928	19.147	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83542	19.687	ug/l	98
10) Methyl Iodide	2.50	142	94089	18.517	ug/l	99
11) Tert butyl alcohol	3.02	59	101899	100.989	ug/l	100
12) 1,1-Dichloroethene	2.36	96	79298	18.548	ug/l	98
13) Acrolein	2.28	56	59036	72.997	ug/l	97
14) Allyl chloride	2.72	41	146553	19.524	ug/l	98
15) Acrylonitrile	3.12	53	257040	105.549	ug/l	97
16) Acetone	2.43	43	240408	96.656	ug/l	98
17) Carbon Disulfide	2.56	76	205122	17.195	ug/l	99
18) Methyl Acetate	2.76	43	154727	22.277	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	279191	20.342	ug/l	99
20) Methylene Chloride	2.84	84	96521	19.854	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	87532	18.753	ug/l	98
22) Diisopropyl ether	3.84	45	308371	21.258	ug/l	92
23) Vinyl Acetate	3.80	43	1186840	105.678	ug/l	99
24) 1,1-Dichloroethane	3.69	63	163444	20.712	ug/l	99
25) 2-Butanone	4.65	43	365139	101.154	ug/l	97
26) 2,2-Dichloropropane	4.57	77	129467	19.368	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	100853	19.329	ug/l	98
28) Bromochloromethane	5.00	49	71249	21.428	ug/l	91
29) Tetrahydrofuran	5.11	42	228519	107.074	ug/l	97
30) Chloroform	5.19	83	158856	20.601	ug/l	98
31) Cyclohexane	5.56	56	145553	19.706	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	131414	19.910	ug/l	98
36) 1,1-Dichloropropene	5.78	75	117313	19.307	ug/l	99
37) Ethyl Acetate	4.81	43	136370	20.662	ug/l	98
38) Carbon Tetrachloride	5.77	117	112032	20.036	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144997	18.994	ug/l	96
40) Benzene	6.13	78	363737	20.170	ug/l	100
41) Methacrylonitrile	5.02	41	73303	20.827	ug/l	98
42) 1,2-Dichloroethane	6.18	62	130803	20.745	ug/l	99
43) Isopropyl Acetate	6.43	43	218719	20.514	ug/l	99
44) Trichloroethene	7.20	130	100769	19.444	ug/l	99
45) 1,2-Dichloropropane	7.50	63	94283	20.506	ug/l	99
46) Dibromomethane	7.65	93	61385	19.129	ug/l	98
47) Bromodichloromethane	7.89	83	120719	20.674	ug/l	99
48) Methyl methacrylate	7.76	41	106628	20.881	ug/l	97
49) 1,4-Dioxane	7.73	88	44765	413.724	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	700177	107.769	ug/l	99
52) Toluene	8.78	92	227948	19.746	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	130031	19.127	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	146509	19.951	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95680	20.634	ug/l	100
56) Ethyl methacrylate	9.17	69	141626	19.936	ug/l	98
57) 1,3-Dichloropropane	9.36	76	159528	20.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	250323	103.568	ug/l	99
59) 2-Hexanone	9.48	43	533620	103.803	ug/l	98
60) Dibromochloromethane	9.57	129	95801	20.555	ug/l	99
61) 1,2-Dibromoethane	9.67	107	98020	19.956	ug/l	99
64) Tetrachloroethene	9.33	164	104080	17.846	ug/l	97
65) Chlorobenzene	10.13	112	244569	19.366	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	90534	20.088	ug/l	99
67) Ethyl Benzene	10.25	91	428982	19.930	ug/l	97
68) m/p-Xylenes	10.36	106	327606	39.451	ug/l	97
69) o-Xylene	10.70	106	158285	19.977	ug/l	98
70) Styrene	10.71	104	263882	19.299	ug/l	98
71) Bromoform	10.85	173	71859	19.488	ug/l #	99
73) Isopropylbenzene	11.01	105	422090	20.478	ug/l	100
74) N-amyl acetate	10.89	43	183779	20.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	139203	21.060	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	117971m	19.426	ug/l	
77) Bromobenzene	11.25	156	107997	18.894	ug/l	97
78) n-propylbenzene	11.35	91	475627	20.149	ug/l	99
79) 2-Chlorotoluene	11.42	91	285164	20.270	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	349562	20.428	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44792	19.500	ug/l	91
82) 4-Chlorotoluene	11.51	91	331113	20.051	ug/l	98
83) tert-Butylbenzene	11.76	119	333322	20.615	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	353980	20.472	ug/l	100
85) sec-Butylbenzene	11.94	105	407405	20.269	ug/l	99
86) p-Isopropyltoluene	12.06	119	373625	20.031	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194416	18.952	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	195089	19.890	ug/l	98
89) n-Butylbenzene	12.39	91	320662	18.803	ug/l	99
90) Hexachloroethane	12.59	117	63833	19.483	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	192015	19.105	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28158	18.938	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128008	18.076	ug/l	99
94) Hexachlorobutadiene	13.78	225	64736	19.632	ug/l	98
95) Naphthalene	13.83	128	380789	17.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132877	19.027	ug/l	99

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

