

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112219\
 Data File : VX013536.D
 Acq On : 22 Nov 2019 16:22
 Operator : JC/SP
 Sample : VX1122WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 10:40:21 AM

Quant Time: Nov 22 17:45:42 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	669928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1038369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	919535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	447809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	361662	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
35) Dibromofluoromethane	5.49	113	301878	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	8.71	98	1135867	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
62) 4-Bromofluorobenzene	11.13	95	402480	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	117352	15.203	ug/l	100
3) Chloromethane	1.32	50	134073	16.017	ug/l	97
4) Vinyl Chloride	1.40	62	162409	17.042	ug/l	97
5) Bromomethane	1.63	94	91925	13.842	ug/l	98
6) Chloroethane	1.72	64	90586	15.814	ug/l	99
7) Trichlorofluoromethane	1.92	101	184808	16.414	ug/l	100
8) Diethyl Ether	2.18	74	89728	18.022	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	113318	18.058	ug/l	98
10) Methyl Iodide	2.50	142	121574	15.648	ug/l	98
11) Tert butyl alcohol	3.03	59	173567	82.972	ug/l	98
12) 1,1-Dichloroethene	2.36	96	113036	18.394	ug/l	98
13) Acrolein	2.28	56	77499	68.357	ug/l	99
14) Allyl chloride	2.72	41	204931	18.354	ug/l	94
15) Acrylonitrile	3.13	53	374712	95.895	ug/l	98
16) Acetone	2.43	43	408595	103.214	ug/l	99
17) Carbon Disulfide	2.56	76	249003	15.139	ug/l	98
18) Methyl Acetate	2.76	43	216660	19.824	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	403007	19.663	ug/l	98
20) Methylene Chloride	2.84	84	132196	18.074	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	118722	17.744	ug/l	98
22) Diisopropyl ether	3.84	45	423987	19.669	ug/l	98
23) Vinyl Acetate	3.80	43	1562272	84.696	ug/l	100
24) 1,1-Dichloroethane	3.69	63	229763	19.054	ug/l	99
25) 2-Butanone	4.65	43	557886	96.063	ug/l	99
26) 2,2-Dichloropropane	4.58	77	171124	17.838	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	142038	18.950	ug/l	100
28) Bromochloromethane	5.00	49	64771	18.918	ug/l	99
29) Tetrahydrofuran	5.11	42	337298	94.249	ug/l	100
30) Chloroform	5.20	83	227064	19.069	ug/l	98
31) Cyclohexane	5.57	56	189475	17.462	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	190218	18.563	ug/l	99
36) 1,1-Dichloropropene	5.79	75	160699	18.040	ug/l	99
37) Ethyl Acetate	4.82	43	193499	17.579	ug/l	97
38) Carbon Tetrachloride	5.78	117	154922	17.785	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	186913	16.840	ug/l	98
40) Benzene	6.14	78	507851	18.302	ug/l	100
41) Methacrylonitrile	5.03	41	111407	18.058	ug/l	98
42) 1,2-Dichloroethane	6.18	62	181442	18.128	ug/l	99
43) Isopropyl Acetate	6.43	43	324995	18.961	ug/l	99
44) Trichloroethene	7.21	130	139176	18.221	ug/l	100
45) 1,2-Dichloropropane	7.51	63	134275	18.992	ug/l	94
46) Dibromomethane	7.65	93	86006	17.817	ug/l	95
47) Bromodichloromethane	7.89	83	171912	18.886	ug/l	96
48) Methyl methacrylate	7.76	41	157611	18.421	ug/l	97
49) 1,4-Dioxane	7.73	88	61960	316.217	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1048823	93.267	ug/l	99
52) Toluene	8.78	92	317810	18.480	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	181677	18.252	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	203958	18.318	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	136345	19.127	ug/l	99
56) Ethyl methacrylate	9.17	69	215458	18.714	ug/l	96
57) 1,3-Dichloropropane	9.37	76	227621	18.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	440082	90.291	ug/l	100
59) 2-Hexanone	9.48	43	805035	92.637	ug/l	98
60) Dibromochloromethane	9.57	129	135858	18.635	ug/l	98
61) 1,2-Dibromoethane	9.67	107	141868	18.742	ug/l	98
64) Tetrachloroethene	9.33	164	169317	25.722	ug/l	98
65) Chlorobenzene	10.14	112	347339	18.658	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	132007	19.312	ug/l	98
67) Ethyl Benzene	10.25	91	598357	18.623	ug/l	99
68) m/p-Xylenes	10.36	106	457167	37.623	ug/l	99
69) o-Xylene	10.70	106	225559	18.960	ug/l	99
70) Styrene	10.71	104	379203	19.068	ug/l	100
71) Bromoform	10.85	173	102672	18.365	ug/l #	98
73) Isopropylbenzene	11.01	105	602849	20.305	ug/l	100
74) N-amyl acetate	10.89	43	274755	19.956	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	214860	19.837	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	198628m	21.838	ug/l	
77) Bromobenzene	11.25	156	157618	19.914	ug/l	99
78) n-propylbenzene	11.35	91	662082	20.019	ug/l	100
79) 2-Chlorotoluene	11.42	91	402487	20.198	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	494633	20.001	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61786	17.485	ug/l	94
82) 4-Chlorotoluene	11.51	91	446567	19.145	ug/l	100
83) tert-Butylbenzene	11.76	119	473441	19.018	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	495626	19.978	ug/l	100
85) sec-Butylbenzene	11.94	105	569437	19.902	ug/l	99
86) p-Isopropyltoluene	12.06	119	521325	19.788	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	269835	19.125	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	274059	19.065	ug/l	99
89) n-Butylbenzene	12.39	91	426583	18.556	ug/l	100
90) Hexachloroethane	12.59	117	92842	19.778	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	276375	19.597	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44112	16.716	ug/l	98

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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	178047	18.099	ug/l	100
94) Hexachlorobutadiene	13.78	225	84869	17.634	ug/l	99
95) Naphthalene	13.83	128	569010	18.435	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	185037	18.755	ug/l	98

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

