

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013047.D
 Acq On : 14 Oct 2019 13:22
 Operator : JC/SP
 Sample : VX1014WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 2:55:04 PM

Quant Time: Oct 15 04:33:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116720	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	5.49	113	93018	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	8.71	98	350225	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	128787	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	34807	18.389	ug/l	99
3) Chloromethane	1.32	50	37147	18.033	ug/l	94
4) Vinyl Chloride	1.40	62	38384	18.053	ug/l	100
5) Bromomethane	1.63	94	18031	20.401	ug/l	98
6) Chloroethane	1.72	64	27367	21.284	ug/l	100
7) Trichlorofluoromethane	1.92	101	56030	19.524	ug/l	99
8) Diethyl Ether	2.18	74	21865	18.876	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36418	19.608	ug/l	99
10) Methyl Iodide	2.50	142	32336	18.888	ug/l	100
11) Tert butyl alcohol	3.03	59	56656	92.085	ug/l	98
12) 1,1-Dichloroethene	2.36	96	35193	18.754	ug/l	97
13) Acrolein	2.28	56	27333	62.513	ug/l	97
14) Allyl chloride	2.72	41	61869	18.514	ug/l	98
15) Acrylonitrile	3.13	53	116791	100.168	ug/l	99
16) Acetone	2.43	43	111431	91.086	ug/l	98
17) Carbon Disulfide	2.56	76	87107	16.280	ug/l	99
18) Methyl Acetate	2.76	43	55360	19.092	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	131082	20.228	ug/l	99
20) Methylene Chloride	2.85	84	42151	18.748	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	38631	19.207	ug/l	95
22) Diisopropyl ether	3.84	45	128911	20.131	ug/l	91
23) Vinyl Acetate	3.80	43	548114	99.152	ug/l	100
24) 1,1-Dichloroethane	3.69	63	71077	19.730	ug/l	99
25) 2-Butanone	4.66	43	165595	97.567	ug/l	99
26) 2,2-Dichloropropane	4.58	77	59623	19.682	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	46291	19.967	ug/l	98
28) Bromochloromethane	5.01	49	24825	22.815	ug/l	99
29) Tetrahydrofuran	5.11	42	102729	98.359	ug/l	98
30) Chloroform	5.20	83	74480	20.149	ug/l	99
31) Cyclohexane	5.57	56	62453	18.540	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	62440	19.936	ug/l	100
36) 1,1-Dichloropropene	5.79	75	53704	20.072	ug/l	98
37) Ethyl Acetate	4.82	43	60069	20.078	ug/l	99
38) Carbon Tetrachloride	5.78	117	52670	20.225	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	63875	19.686	ug/l	99
40) Benzene	6.14	78	162782	20.600	ug/l	98
41) Methacrylonitrile	5.03	41	33298	20.255	ug/l	99
42) 1,2-Dichloroethane	6.18	62	57487	20.274	ug/l	99
43) Isopropyl Acetate	6.43	43	97245	20.252	ug/l	99
44) Trichloroethene	7.21	130	42622	19.451	ug/l	94
45) 1,2-Dichloropropane	7.51	63	41832	20.771	ug/l	99
46) Dibromomethane	7.65	93	28541	21.270	ug/l	98
47) Bromodichloromethane	7.89	83	53914	20.589	ug/l	100
48) Methyl methacrylate	7.76	41	46527	19.883	ug/l	100
49) 1,4-Dioxane	7.73	88	23280	392.809	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	306452	102.361	ug/l	99
52) Toluene	8.78	92	104652	20.701	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58154	19.192	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	66223	20.562	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42592	21.289	ug/l	99
56) Ethyl methacrylate	9.17	69	67274	19.922	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71045	20.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	154424	105.070	ug/l	100
59) 2-Hexanone	9.48	43	235478	101.042	ug/l	99
60) Dibromochloromethane	9.58	129	41461	19.788	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43411	20.627	ug/l	100
64) Tetrachloroethene	9.33	164	40056	21.046	ug/l	97
65) Chlorobenzene	10.14	112	108636	19.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	39499	20.906	ug/l	98
67) Ethyl Benzene	10.25	91	195671	20.215	ug/l	100
68) m/p-Xylenes	10.35	106	149298	41.287	ug/l	97
69) o-Xylene	10.70	106	72527	20.567	ug/l	99
70) Styrene	10.71	104	123741	20.641	ug/l	100
71) Bromoform	10.85	173	27202	18.974	ug/l #	99
73) Isopropylbenzene	11.01	105	190666	20.482	ug/l	100
74) N-amyl acetate	10.89	43	79790	19.902	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	62223	20.097	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	61065m	21.744	ug/l	
77) Bromobenzene	11.25	156	46319	21.115	ug/l	96
78) n-propylbenzene	11.35	91	214083	20.900	ug/l	100
79) 2-Chlorotoluene	11.42	91	131050	20.357	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	161439	20.769	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17506	18.805	ug/l	93
82) 4-Chlorotoluene	11.51	91	154958	21.001	ug/l	99
83) tert-Butylbenzene	11.76	119	158862	20.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	165163	20.980	ug/l	100
85) sec-Butylbenzene	11.94	105	180369	20.532	ug/l	100
86) p-Isopropyltoluene	12.06	119	168975	20.740	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82772	20.319	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	80080	19.410	ug/l	99
89) n-Butylbenzene	12.38	91	134928	19.705	ug/l	97
90) Hexachloroethane	12.59	117	27121	19.330	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	82485	20.654	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14336	19.755	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	49051	19.607	ug/l	99
94) Hexachlorobutadiene	13.77	225	22016	19.069	ug/l	98
95) Naphthalene	13.83	128	176855	20.394	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	51644	19.977	ug/l	98

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

