

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013013.D
 Acq On : 11 Oct 2019 14:00
 Operator : JC/SP
 Sample : VX1011WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 10:39:30 AM

Quant Time: Oct 11 23:50:24 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	167336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	107317	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	5.48	113	84873	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	8.71	98	325975	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.13	95	123285	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	33881	19.864	ug/l 97
3) Chloromethane	1.32	50	36206	19.504	ug/l 98
4) Vinyl Chloride	1.40	62	36700	19.154	ug/l 100
5) Bromomethane	1.63	94	19999	25.110	ug/l 98
6) Chloroethane	1.72	64	22923	19.810	ug/l 98
7) Trichlorofluoromethane	1.92	101	53638	20.741	ug/l 99
8) Diethyl Ether	2.18	74	20590	19.725	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35418	21.162	ug/l 99
10) Methyl Iodide	2.50	142	30942	19.742	ug/l 100
11) Tert butyl alcohol	3.03	59	49684	89.612	ug/l 98
12) 1,1-Dichloroethene	2.36	96	32922	19.469	ug/l 97
13) Acrolein	2.28	56	28590	72.561	ug/l 97
14) Allyl chloride	2.72	41	58719	19.499	ug/l 99
15) Acrylonitrile	3.13	53	107564	102.374	ug/l 99
16) Acetone	2.43	43	94778	85.973	ug/l 99
17) Carbon Disulfide	2.56	76	83582	17.334	ug/l 99
18) Methyl Acetate	2.76	43	51306	19.635	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	122461	20.971	ug/l 98
20) Methylene Chloride	2.85	84	39267	19.381	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	37055	20.445	ug/l 98
22) Diisopropyl ether	3.84	45	123446	21.392	ug/l 93
23) Vinyl Acetate	3.80	43	511443	102.668	ug/l 98
24) 1,1-Dichloroethane	3.69	63	68472	21.092	ug/l 100
25) 2-Butanone	4.66	43	147370	96.354	ug/l 100
26) 2,2-Dichloropropane	4.58	77	52690	19.301	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	41787	20.002	ug/l 98
28) Bromochloromethane	5.00	49	20715	21.093	ug/l 99
29) Tetrahydrofuran	5.11	42	93980	99.854	ug/l 98
30) Chloroform	5.20	83	68904	20.685	ug/l 99
31) Cyclohexane	5.58	56	61632	20.303	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	58529	20.737	ug/l 99
36) 1,1-Dichloropropene	5.79	75	50552	20.263	ug/l 98
37) Ethyl Acetate	4.82	43	54503	19.538	ug/l 99
38) Carbon Tetrachloride	5.77	117	48841	20.114	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61179	20.221	ug/l	98
40) Benzene	6.14	78	154057	20.908	ug/l	96
41) Methacrylonitrile	5.03	41	30587	19.954	ug/l	98
42) 1,2-Dichloroethane	6.19	62	55759	21.089	ug/l	99
43) Isopropyl Acetate	6.43	43	90051	20.112	ug/l	99
44) Trichloroethene	7.21	130	40172	19.661	ug/l	94
45) 1,2-Dichloropropane	7.51	63	39439	21.001	ug/l	98
46) Dibromomethane	7.65	93	26060	20.828	ug/l	100
47) Bromodichloromethane	7.89	83	50438	20.657	ug/l	98
48) Methyl methacrylate	7.76	41	43669	20.014	ug/l	100
49) 1,4-Dioxane	7.73	88	20451	372.107	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	284764	102.009	ug/l	100
52) Toluene	8.78	92	98273	20.847	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	52760	18.732	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	59752	19.897	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	40390	21.651	ug/l	99
56) Ethyl methacrylate	9.17	69	61332	19.519	ug/l	99
57) 1,3-Dichloropropane	9.37	76	66873	20.723	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	137829	100.573	ug/l	100
59) 2-Hexanone	9.48	43	213729	98.354	ug/l	100
60) Dibromochloromethane	9.58	129	37190	19.106	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41066	20.926	ug/l	98
64) Tetrachloroethene	9.33	164	37960	21.564	ug/l	95
65) Chlorobenzene	10.14	112	102156	20.269	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	35869	20.526	ug/l	99
67) Ethyl Benzene	10.25	91	185506	20.721	ug/l	99
68) m/p-Xylenes	10.36	106	139666	41.759	ug/l	96
69) o-Xylene	10.70	106	67543	20.709	ug/l	99
70) Styrene	10.71	104	114496	20.650	ug/l	99
71) Bromoform	10.85	173	24040	18.269	ug/l #	99
73) Isopropylbenzene	11.01	105	183018	21.826	ug/l	98
74) N-amyl acetate	10.89	43	75042	20.779	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	56853	20.385	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	57080m	22.564	ug/l	
77) Bromobenzene	11.25	156	42358	21.436	ug/l	98
78) n-propylbenzene	11.35	91	199735	21.646	ug/l	99
79) 2-Chlorotoluene	11.42	91	126100	21.745	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	154184	22.020	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15632	18.676	ug/l	93
82) 4-Chlorotoluene	11.51	91	141574	21.300	ug/l	100
83) tert-Butylbenzene	11.76	119	147762	21.633	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	152154	21.456	ug/l	99
85) sec-Butylbenzene	11.94	105	173431	21.917	ug/l	99
86) p-Isopropyltoluene	12.06	119	156761	21.360	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75909	20.687	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	75210	20.238	ug/l	99
89) n-Butylbenzene	12.39	91	129198	20.946	ug/l	98
90) Hexachloroethane	12.59	117	24619	19.463	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	75688	21.040	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13131	20.087	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44883	19.917	ug/l	98
94) Hexachlorobutadiene	13.78	225	21092	20.281	ug/l	98
95) Naphthalene	13.83	128	154937	19.834	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	45593	19.578	ug/l	100

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

