

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012959.D
 Acq On : 09 Oct 2019 22:21
 Operator : JC/SP
 Sample : VX1009WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:30 AM

Quant Time: Oct 10 07:00:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	112040	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	5.49	113	87249	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	8.71	98	334972	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	126377	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	35720	20.320	ug/l	97
3) Chloromethane	1.32	50	39179	20.479	ug/l	97
4) Vinyl Chloride	1.40	62	39299	19.902	ug/l	98
5) Bromomethane	1.63	94	18829	22.939	ug/l	94
6) Chloroethane	1.72	64	24243	20.319	ug/l	97
7) Trichlorofluoromethane	1.92	101	56439	21.176	ug/l	98
8) Diethyl Ether	2.18	74	22422	20.843	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34763	20.154	ug/l	99
10) Methyl Iodide	2.50	142	30979	19.324	ug/l	99
11) Tert butyl alcohol	3.03	59	60694	106.220	ug/l	96
12) 1,1-Dichloroethene	2.36	96	34949	20.054	ug/l	98
13) Acrolein	2.28	56	31109	76.610	ug/l	99
14) Allyl chloride	2.72	41	62531	20.148	ug/l	99
15) Acrylonitrile	3.13	53	114462	105.705	ug/l	99
16) Acetone	2.43	43	97938	86.201	ug/l	99
17) Carbon Disulfide	2.56	76	90059	18.123	ug/l	98
18) Methyl Acetate	2.76	43	55488	20.605	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	127021	21.106	ug/l	97
20) Methylene Chloride	2.85	84	42716	20.458	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	39295	21.037	ug/l	96
22) Diisopropyl ether	3.84	45	125704	21.137	ug/l	90
23) Vinyl Acetate	3.80	43	535803	104.365	ug/l	99
24) 1,1-Dichloroethane	3.69	63	70882	21.186	ug/l	99
25) 2-Butanone	4.66	43	155765	98.820	ug/l	99
26) 2,2-Dichloropropane	4.57	77	48456	17.223	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	44382	20.613	ug/l	99
28) Bromochloromethane	5.01	49	21946	21.696	ug/l	99
29) Tetrahydrofuran	5.12	42	99946	103.040	ug/l	99
30) Chloroform	5.20	83	70958	20.670	ug/l	99
31) Cyclohexane	5.57	56	62582	20.004	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	60752	20.886	ug/l	99
36) 1,1-Dichloropropene	5.79	75	52358	20.114	ug/l	99
37) Ethyl Acetate	4.83	43	58563	20.120	ug/l	99
38) Carbon Tetrachloride	5.78	117	50643	19.988	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	61956	19.626	ug/l	99
40) Benzene	6.14	78	159626	20.762	ug/l	99
41) Methacrylonitrile	5.03	41	32061	20.045	ug/l	99
42) 1,2-Dichloroethane	6.19	62	57997	21.023	ug/l	100
43) Isopropyl Acetate	6.44	43	94687	20.268	ug/l	99
44) Trichloroethene	7.21	130	40984	19.224	ug/l	94
45) 1,2-Dichloropropane	7.51	63	41241	21.047	ug/l	97
46) Dibromomethane	7.65	93	27170	20.812	ug/l	98
47) Bromodichloromethane	7.89	83	51414	20.180	ug/l	97
48) Methyl methacrylate	7.76	41	45861	20.144	ug/l	98
49) 1,4-Dioxane	7.73	88	23062	399.319	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	302882	103.984	ug/l	100
52) Toluene	8.78	92	102292	20.797	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	53995	18.415	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	61858	19.741	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	41261	21.197	ug/l	95
56) Ethyl methacrylate	9.17	69	62208	19.025	ug/l	96
57) 1,3-Dichloropropane	9.37	76	69830	20.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	145431	101.704	ug/l	99
59) 2-Hexanone	9.48	43	232170	102.394	ug/l	99
60) Dibromochloromethane	9.58	129	39240	19.299	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41678	20.354	ug/l	100
64) Tetrachloroethene	9.33	164	39862	21.678	ug/l	94
65) Chlorobenzene	10.14	112	107497	20.418	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	37648	20.624	ug/l	99
67) Ethyl Benzene	10.25	91	191387	20.465	ug/l	99
68) m/p-Xylenes	10.36	106	144153	41.261	ug/l	99
69) o-Xylene	10.70	106	70176	20.598	ug/l	99
70) Styrene	10.71	104	118675	20.490	ug/l	100
71) Bromoform	10.85	173	24610	17.967	ug/l #	99
73) Isopropylbenzene	11.01	105	186956	20.959	ug/l	100
74) N-amyl acetate	10.89	43	79123	20.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60391	20.356	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	50927m	18.925	ug/l	
77) Bromobenzene	11.25	156	43641	20.762	ug/l	97
78) n-propylbenzene	11.35	91	206452	21.034	ug/l	99
79) 2-Chlorotoluene	11.42	91	128387	20.813	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	157830	21.190	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16343	18.426	ug/l	93
82) 4-Chlorotoluene	11.51	91	147622	20.879	ug/l	99
83) tert-Butylbenzene	11.76	119	149920	20.634	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	159464	21.140	ug/l	100
85) sec-Butylbenzene	11.94	105	179070	21.273	ug/l	98
86) p-Isopropyltoluene	12.06	119	161610	20.701	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	77371	19.822	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	76117	19.254	ug/l	99
89) n-Butylbenzene	12.39	91	134585	20.512	ug/l	99
90) Hexachloroethane	12.59	117	25549	19.039	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	77917	20.361	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13507	19.424	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47052	19.628	ug/l	99
94) Hexachlorobutadiene	13.78	225	21467	19.405	ug/l	99
95) Naphthalene	13.83	128	166025	19.980	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	47146	19.032	ug/l	99

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

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