

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013354.D
 Acq On : 08 Nov 2019 11:06
 Operator : JC/SP
 Sample : VX1108WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 3:34:16 PM

Quant Time: Nov 11 03:21:33 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	5.64	168	848737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1270799	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1142322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	580298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	489944	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.48	113	406855	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	8.71	98	1568465	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	11.13	95	561980	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	211816	21.660	ug/l 98
3) Chloromethane	1.31	50	228594	21.556	ug/l 98
4) Vinyl Chloride	1.40	62	262830	21.770	ug/l 98
5) Bromomethane	1.62	94	156332	18.581	ug/l 97
6) Chloroethane	1.72	64	147648	20.695	ug/l 98
7) Trichlorofluoromethane	1.92	101	290405	20.359	ug/l 97
8) Diethyl Ether	2.17	74	132448	20.998	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	181566	22.838	ug/l 100
10) Methyl Iodide	2.50	142	195667	19.879	ug/l 99
11) Tert butyl alcohol	3.02	59	226806	85.580	ug/l 99
12) 1,1-Dichloroethene	2.36	96	175962	22.602	ug/l 98
13) Acrolein	2.28	56	137154	95.489	ug/l 100
14) Allyl chloride	2.72	41	316518	22.376	ug/l 97
15) Acrylonitrile	3.12	53	522310	105.507	ug/l 98
16) Acetone	2.42	43	503903	100.473	ug/l 99
17) Carbon Disulfide	2.56	76	456306	21.898	ug/l 99
18) Methyl Acetate	2.75	43	293801	21.219	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	600686	23.133	ug/l 97
20) Methylene Chloride	2.84	84	199045	21.480	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	187128	22.075	ug/l 95
22) Diisopropyl ether	3.84	45	641999	23.508	ug/l 98
23) Vinyl Acetate	3.80	43	2610843	111.723	ug/l 100
24) 1,1-Dichloroethane	3.68	63	341208	22.334	ug/l 99
25) 2-Butanone	4.65	43	750569	102.014	ug/l 98
26) 2,2-Dichloropropane	4.57	77	285870	23.522	ug/l 97
27) cis-1,2-Dichloroethene	4.58	96	217873	22.944	ug/l 100
28) Bromochloromethane	5.00	49	99946	23.041	ug/l 100
29) Tetrahydrofuran	5.11	42	463859	102.306	ug/l 100
30) Chloroform	5.19	83	340003	22.538	ug/l 100
31) Cyclohexane	5.56	56	308657	22.453	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	292156	22.504	ug/l 99
36) 1,1-Dichloropropene	5.78	75	256819	23.557	ug/l 99
37) Ethyl Acetate	4.81	43	281005	20.860	ug/l 99
38) Carbon Tetrachloride	5.77	117	248551	23.315	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	314750	23.171	ug/l	100
40) Benzene	6.13	78	774338	22.802	ug/l	99
41) Methacrylonitrile	5.02	41	162047	21.462	ug/l	98
42) 1,2-Dichloroethane	6.18	62	274654	22.422	ug/l	99
43) Isopropyl Acetate	6.43	43	459317	21.896	ug/l	99
44) Trichloroethene	7.20	130	212813	22.766	ug/l	96
45) 1,2-Dichloropropane	7.50	63	200440	23.165	ug/l	98
46) Dibromomethane	7.65	93	131354	22.234	ug/l	99
47) Bromodichloromethane	7.89	83	260886	23.418	ug/l	96
48) Methyl methacrylate	7.76	41	229333	21.901	ug/l	98
49) 1,4-Dioxane	7.73	88	94009	392.029	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1445729	105.047	ug/l	100
52) Toluene	8.78	92	489874	23.275	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	288771	23.705	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	318303	23.359	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	201095	23.051	ug/l	99
56) Ethyl methacrylate	9.17	69	309136	21.670	ug/l	99
57) 1,3-Dichloropropane	9.36	76	336972	22.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	652242	109.344	ug/l	99
59) 2-Hexanone	9.48	43	1127532	106.016	ug/l	100
60) Dibromochloromethane	9.57	129	209864	23.521	ug/l	99
61) 1,2-Dibromoethane	9.67	107	207699	22.421	ug/l	100
64) Tetrachloroethene	9.33	164	194762	23.817	ug/l	98
65) Chlorobenzene	10.13	112	529494	22.895	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	197671	23.278	ug/l	99
67) Ethyl Benzene	10.25	91	938575	23.515	ug/l	98
68) m/p-Xylenes	10.36	106	717626	47.540	ug/l	100
69) o-Xylene	10.69	106	346581	23.451	ug/l	100
70) Styrene	10.71	104	590608	23.907	ug/l	98
71) Bromoform	10.85	173	157788	21.960	ug/l	99
73) Isopropylbenzene	11.01	105	925276	24.049	ug/l	100
74) N-amyl acetate	10.89	43	411314	23.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	310156	22.097	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	256506m	21.762	ug/l	
77) Bromobenzene	11.25	156	239772	23.377	ug/l	98
78) n-propylbenzene	11.35	91	1051120	24.525	ug/l	99
79) 2-Chlorotoluene	11.42	91	622255	24.098	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	784675	24.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	101214	22.103	ug/l	99
82) 4-Chlorotoluene	11.51	91	710741	23.513	ug/l	99
83) tert-Butylbenzene	11.76	119	789740	24.480	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	782355	24.336	ug/l	99
85) sec-Butylbenzene	11.94	105	906916	24.461	ug/l	100
86) p-Isopropyltoluene	12.06	119	832271	24.377	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	432937	23.680	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	424784	22.804	ug/l	99
89) n-Butylbenzene	12.39	91	715331	24.012	ug/l	99
90) Hexachloroethane	12.59	117	144432	23.744	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	426025	23.311	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	66680	19.499	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	296967	23.295	ug/l	100
94) Hexachlorobutadiene	13.78	225	144792	23.216	ug/l	97
95) Naphthalene	13.83	128	883652	22.093	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	298180	23.323	ug/l	99

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

