

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111919\
 Data File : VX013460.D
 Acq On : 19 Nov 2019 12:44
 Operator : JC/SP
 Sample : VX1119WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 9:17:49 AM

Quant Time: Nov 19 16:27:58 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	641466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1006828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	891161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	431391	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	344452	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
35) Dibromofluoromethane	5.48	113	285417	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
50) Toluene-d8	8.71	98	1062527	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
62) 4-Bromofluorobenzene	11.14	95	382080	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	126330	17.092	ug/l	97
3) Chloromethane	1.32	50	151028	18.843	ug/l	100
4) Vinyl Chloride	1.40	62	173529	19.017	ug/l	100
5) Bromomethane	1.63	94	105848	16.646	ug/l	96
6) Chloroethane	1.72	64	97430	17.914	ug/l	93
7) Trichlorofluoromethane	1.92	101	191036	17.721	ug/l	99
8) Diethyl Ether	2.18	74	90898	19.067	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118980	19.802	ug/l	98
10) Methyl Iodide	2.50	142	121948	16.393	ug/l	99
11) Tert butyl alcohol	3.03	59	187207	93.463	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116925	19.871	ug/l	96
13) Acrolein	2.28	56	86729	79.893	ug/l	97
14) Allyl chloride	2.72	41	216719	20.271	ug/l	95
15) Acrylonitrile	3.13	53	393607	105.200	ug/l	99
16) Acetone	2.43	43	342351	90.318	ug/l	100
17) Carbon Disulfide	2.56	76	277561	17.624	ug/l	99
18) Methyl Acetate	2.76	43	230481	22.024	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	417492	21.273	ug/l	97
20) Methylene Chloride	2.85	84	137014	19.564	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	127329	19.875	ug/l	96
22) Diisopropyl ether	3.84	45	442888	21.457	ug/l	95
23) Vinyl Acetate	3.80	43	1839209	104.134	ug/l	100
24) 1,1-Dichloroethane	3.69	63	237560	20.574	ug/l	99
25) 2-Butanone	4.65	43	558616	100.457	ug/l	99
26) 2,2-Dichloropropane	4.57	77	184273	20.061	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	153701	21.416	ug/l	98
28) Bromochloromethane	5.01	49	78738	24.017	ug/l	99
29) Tetrahydrofuran	5.12	42	354599	103.479	ug/l	100
30) Chloroform	5.20	83	243011	21.314	ug/l	99
31) Cyclohexane	5.57	56	197128	18.973	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	195960	19.972	ug/l	98
36) 1,1-Dichloropropene	5.79	75	168669	19.528	ug/l	98
37) Ethyl Acetate	4.82	43	206526	19.351	ug/l	100
38) Carbon Tetrachloride	5.78	117	165999	19.654	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	197219	18.325	ug/l	96
40) Benzene	6.14	78	531919	19.770	ug/l	100
41) Methacrylonitrile	5.03	41	116303	19.442	ug/l	98
42) 1,2-Dichloroethane	6.18	62	191366	19.719	ug/l	98
43) Isopropyl Acetate	6.43	43	333350	20.058	ug/l	99
44) Trichloroethene	7.21	130	142052	19.181	ug/l	98
45) 1,2-Dichloropropane	7.51	63	140182	20.449	ug/l	96
46) Dibromomethane	7.65	93	91612	19.573	ug/l	98
47) Bromodichloromethane	7.89	83	181507	20.564	ug/l	95
48) Methyl methacrylate	7.76	41	166609	20.083	ug/l	98
49) 1,4-Dioxane	7.73	88	73912	389.032	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1094648	100.391	ug/l	99
52) Toluene	8.78	92	334261	20.045	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	191270	19.818	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	218801	20.267	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	141742	20.507	ug/l	99
56) Ethyl methacrylate	9.17	69	218754	19.522	ug/l	98
57) 1,3-Dichloropropane	9.37	76	238807	20.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	437488	92.571	ug/l	100
59) 2-Hexanone	9.48	43	840027	99.692	ug/l	100
60) Dibromochloromethane	9.57	129	139823	19.780	ug/l	100
61) 1,2-Dibromoethane	9.67	107	144956	19.750	ug/l	99
64) Tetrachloroethene	9.33	164	124471	19.511	ug/l	98
65) Chlorobenzene	10.14	112	359031	19.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	133816	20.200	ug/l	99
67) Ethyl Benzene	10.25	91	632171	20.302	ug/l	100
68) m/p-Xylenes	10.35	106	473698	40.225	ug/l	100
69) o-Xylene	10.70	106	233186	20.225	ug/l	98
70) Styrene	10.71	104	391994	20.339	ug/l	99
71) Bromoform	10.85	173	110449	20.033	ug/l	100
73) Isopropylbenzene	11.01	105	623602	21.803	ug/l	100
74) N-amyl acetate	10.89	43	289818	21.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	225997	21.659	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	207478m	23.679	ug/l	
77) Bromobenzene	11.25	156	163213	21.405	ug/l	99
78) n-propylbenzene	11.35	91	686396	21.544	ug/l	100
79) 2-Chlorotoluene	11.42	91	414763	21.607	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	513913	21.571	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68110	20.008	ug/l	98
82) 4-Chlorotoluene	11.51	91	463752	20.638	ug/l	100
83) tert-Butylbenzene	11.76	119	522711	21.796	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	511472	21.402	ug/l	99
85) sec-Butylbenzene	11.94	105	590406	21.421	ug/l	100
86) p-Isopropyltoluene	12.06	119	532743	20.990	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	272624	20.058	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	277527	20.041	ug/l	99
89) n-Butylbenzene	12.38	91	435200	19.651	ug/l	99
90) Hexachloroethane	12.59	117	96426	21.324	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	279253	20.554	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49031	19.287	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	182548	19.263	ug/l	98
94) Hexachlorobutadiene	13.77	225	86564	18.670	ug/l	99
95) Naphthalene	13.83	128	572102	19.241	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	188907	19.876	ug/l	99

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

