

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013401.D
 Acq On : 13 Nov 2019 12:35
 Operator : JC/SP
 Sample : VX1113WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/14/2019 9:37:11 AM

Quant Time: Nov 14 04:46:45 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	898497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1344812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1215820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	608730	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	403244	37.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.76%	
35) Dibromofluoromethane	5.48	113	334826	39.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.40%	
50) Toluene-d8	8.71	98	1279973	40.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.50%	
62) 4-Bromofluorobenzene	11.13	95	452461	39.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.86%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	169942	16.416	ug/l	98
3) Chloromethane	1.31	50	189377	16.869	ug/l	100
4) Vinyl Chloride	1.40	62	213031	16.668	ug/l	97
5) Bromomethane	1.62	94	129276	14.514	ug/l	98
6) Chloroethane	1.72	64	117214	15.215	ug/l	100
7) Trichlorofluoromethane	1.92	101	237406	15.722	ug/l	99
8) Diethyl Ether	2.17	74	103870	15.555	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	149745	17.792	ug/l	99
10) Methyl Iodide	2.50	142	173239	16.626	ug/l	97
11) Tert butyl alcohol	3.02	59	204465	72.878	ug/l	98
12) 1,1-Dichloroethene	2.36	96	144469	17.529	ug/l	99
13) Acrolein	2.28	56	151014	99.316	ug/l	99
14) Allyl chloride	2.72	41	258756	17.279	ug/l	97
15) Acrylonitrile	3.12	53	432587	82.544	ug/l	98
16) Acetone	2.42	43	401960	75.708	ug/l	99
17) Carbon Disulfide	2.56	76	369888	16.768	ug/l	99
18) Methyl Acetate	2.75	43	247095	16.857	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	492673	17.923	ug/l	96
20) Methylene Chloride	2.84	84	166500	16.973	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	154383	17.204	ug/l	96
22) Diisopropyl ether	3.84	45	530403	18.346	ug/l	99
23) Vinyl Acetate	3.80	43	2150644	86.934	ug/l	100
24) 1,1-Dichloroethane	3.68	63	280806	17.363	ug/l	99
25) 2-Butanone	4.65	43	621410	79.782	ug/l	99
26) 2,2-Dichloropropane	4.56	77	234966	18.263	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	179766	17.883	ug/l	98
28) Bromochloromethane	4.99	49	87549	19.065	ug/l	99
29) Tetrahydrofuran	5.11	42	386787	80.583	ug/l	99
30) Chloroform	5.19	83	281747	17.642	ug/l	99
31) Cyclohexane	5.56	56	255501	17.557	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	235235	17.116	ug/l	98
36) 1,1-Dichloropropene	5.78	75	208773	18.096	ug/l	99
37) Ethyl Acetate	4.81	43	227159	15.935	ug/l	99
38) Carbon Tetrachloride	5.77	117	198064	17.556	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	263913	18.359	ug/l	99
40) Benzene	6.13	78	647585	18.020	ug/l	99
41) Methacrylonitrile	5.02	41	126530	15.835	ug/l	95
42) 1,2-Dichloroethane	6.17	62	226796	17.496	ug/l	99
43) Isopropyl Acetate	6.42	43	380696	17.150	ug/l	99
44) Trichloroethene	7.20	130	175171	17.708	ug/l	99
45) 1,2-Dichloropropane	7.50	63	169699	18.533	ug/l	100
46) Dibromomethane	7.65	93	107699	17.227	ug/l	97
47) Bromodichloromethane	7.89	83	218634	18.545	ug/l	95
48) Methyl methacrylate	7.76	41	190413	17.184	ug/l	98
49) 1,4-Dioxane	7.73	88	82175	323.820	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1203297	82.620	ug/l	99
52) Toluene	8.78	92	406509	18.251	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	234704	18.206	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	264405	18.336	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	168590	18.261	ug/l	98
56) Ethyl methacrylate	9.17	69	260466	17.572	ug/l	97
57) 1,3-Dichloropropane	9.36	76	280330	17.888	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	680684	107.832	ug/l	100
59) 2-Hexanone	9.48	43	930010	82.632	ug/l	98
60) Dibromochloromethane	9.57	129	172871	18.309	ug/l	98
61) 1,2-Dibromoethane	9.67	107	172899	17.637	ug/l	99
64) Tetrachloroethene	9.33	164	158693	18.233	ug/l	98
65) Chlorobenzene	10.13	112	438124	17.799	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	161271	17.844	ug/l	100
67) Ethyl Benzene	10.25	91	771267	18.155	ug/l	99
68) m/p-Xylenes	10.35	106	586498	36.504	ug/l	99
69) o-Xylene	10.69	106	285645	18.160	ug/l	100
70) Styrene	10.70	104	483835	18.401	ug/l	99
71) Bromoform	10.85	173	129738	17.693	ug/l #	97
73) Isopropylbenzene	11.01	105	767172	19.008	ug/l	100
74) N-amyl acetate	10.89	43	334209	17.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	260701	17.706	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	213566m	17.273	ug/l	
77) Bromobenzene	11.25	156	197796	18.384	ug/l	98
78) n-propylbenzene	11.35	91	870198	19.356	ug/l	100
79) 2-Chlorotoluene	11.42	91	511637	18.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	640884	19.064	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	79512	16.553	ug/l	97
82) 4-Chlorotoluene	11.51	91	591611	18.658	ug/l	99
83) tert-Butylbenzene	11.76	119	640454	18.925	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	644024	19.097	ug/l	99
85) sec-Butylbenzene	11.94	105	746573	19.196	ug/l	100
86) p-Isopropyltoluene	12.06	119	691239	19.301	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	352266	18.368	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	355252	18.181	ug/l	99
89) n-Butylbenzene	12.39	91	583736	18.680	ug/l	100
90) Hexachloroethane	12.59	117	121021	18.966	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	349998	18.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51943	14.480	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	241645	18.070	ug/l	99
94) Hexachlorobutadiene	13.78	225	117192	17.913	ug/l	99
95) Naphthalene	13.83	128	716684	17.082	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	234774	17.506	ug/l	100

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

