

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110419\
 Data File : VX013321.D
 Acq On : 04 Nov 2019 12:51
 Operator : JC/SP
 Sample : VX1104WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 10:37:06 AM

Quant Time: Nov 05 00:48:14 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	765024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1126018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1019923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	510379	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	423945	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.48	113	340842	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	8.71	98	1317506	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	462618	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	177974	20.191	ug/l	99
3) Chloromethane	1.31	50	189341	19.808	ug/l	96
4) Vinyl Chloride	1.40	62	217989	20.031	ug/l	99
5) Bromomethane	1.62	94	129425	17.066	ug/l	98
6) Chloroethane	1.72	64	116993	18.045	ug/l	99
7) Trichlorofluoromethane	1.92	101	238552	18.554	ug/l	98
8) Diethyl Ether	2.17	74	106613	18.752	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	144262	20.131	ug/l	99
10) Methyl Iodide	2.50	142	154220	17.383	ug/l	98
11) Tert butyl alcohol	3.02	59	198864	83.248	ug/l	97
12) 1,1-Dichloroethene	2.36	96	137674	19.619	ug/l	93
13) Acrolein	2.28	56	96628	74.635	ug/l	97
14) Allyl chloride	2.72	41	253862	19.910	ug/l	99
15) Acrylonitrile	3.12	53	426348	95.547	ug/l	100
16) Acetone	2.42	43	431748	95.506	ug/l	98
17) Carbon Disulfide	2.56	76	376424	20.041	ug/l	99
18) Methyl Acetate	2.76	43	237561	19.035	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	470304	20.094	ug/l	98
20) Methylene Chloride	2.84	84	158909	19.025	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	150420	19.687	ug/l	98
22) Diisopropyl ether	3.84	45	494406	20.085	ug/l	95
23) Vinyl Acetate	3.80	43	2088176	99.135	ug/l	99
24) 1,1-Dichloroethane	3.68	63	270640	19.654	ug/l	100
25) 2-Butanone	4.65	43	636572	95.987	ug/l	97
26) 2,2-Dichloropropane	4.57	77	225459	20.581	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	172321	20.133	ug/l	99
28) Bromochloromethane	5.00	49	76330	19.522	ug/l	97
29) Tetrahydrofuran	5.11	42	380970	93.219	ug/l	99
30) Chloroform	5.20	83	263019	19.343	ug/l	96
31) Cyclohexane	5.57	56	247391	19.965	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	229637	19.624	ug/l	98
36) 1,1-Dichloropropene	5.79	75	203759	21.093	ug/l	99
37) Ethyl Acetate	4.81	43	228693	19.159	ug/l	99
38) Carbon Tetrachloride	5.77	117	195023	20.646	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	251360	20.883	ug/l	97
40) Benzene	6.13	78	608992	20.239	ug/l	98
41) Methacrylonitrile	5.02	41	126822	18.956	ug/l	98
42) 1,2-Dichloroethane	6.18	62	218470	20.129	ug/l	99
43) Isopropyl Acetate	6.43	43	371004	19.960	ug/l	100
44) Trichloroethene	7.20	130	165305	19.958	ug/l	99
45) 1,2-Dichloropropane	7.50	63	153283	19.993	ug/l	100
46) Dibromomethane	7.65	93	104252	19.915	ug/l	99
47) Bromodichloromethane	7.89	83	200884	20.351	ug/l	99
48) Methyl methacrylate	7.76	41	187467	20.205	ug/l	100
49) 1,4-Dioxane	7.73	88	78514	369.511	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1193814	97.896	ug/l	100
52) Toluene	8.78	92	380992	20.429	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	222407	20.605	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	250297	20.730	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	156615	20.260	ug/l	98
56) Ethyl methacrylate	9.17	69	244019	19.476	ug/l	99
57) 1,3-Dichloropropane	9.37	76	264864	20.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	514767	97.393	ug/l	100
59) 2-Hexanone	9.48	43	939324	99.676	ug/l	99
60) Dibromochloromethane	9.57	129	161328	20.406	ug/l	100
61) 1,2-Dibromoethane	9.67	107	164585	20.051	ug/l	99
64) Tetrachloroethene	9.33	164	147151	20.154	ug/l	97
65) Chlorobenzene	10.13	112	415465	20.121	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	155953	20.570	ug/l	98
67) Ethyl Benzene	10.25	91	724113	20.319	ug/l	99
68) m/p-Xylenes	10.35	106	560556	41.591	ug/l	99
69) o-Xylene	10.70	106	267449	20.269	ug/l	99
70) Styrene	10.71	104	457188	20.727	ug/l	99
71) Bromoform	10.85	173	123184	19.603	ug/l #	100
73) Isopropylbenzene	11.01	105	719301	21.257	ug/l	100
74) N-amyl acetate	10.89	43	323278	20.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	244501	19.806	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	199731m	19.267	ug/l	
77) Bromobenzene	11.25	156	189093	20.961	ug/l	98
78) n-propylbenzene	11.35	91	817643	21.691	ug/l	99
79) 2-Chlorotoluene	11.42	91	482843	21.260	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	600124	21.292	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	77359	19.208	ug/l	96
82) 4-Chlorotoluene	11.51	91	548691	20.639	ug/l	100
83) tert-Butylbenzene	11.76	119	601872	21.213	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	617669	21.845	ug/l	100
85) sec-Butylbenzene	11.94	105	695785	21.337	ug/l	99
86) p-Isopropyltoluene	12.06	119	648874	21.609	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	333466	20.738	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	328415	20.046	ug/l	98
89) n-Butylbenzene	12.39	91	558071	21.300	ug/l	99
90) Hexachloroethane	12.59	117	110443	20.644	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	325893	20.275	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51875	17.248	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	232618	20.747	ug/l	98
94) Hexachlorobutadiene	13.78	225	114807	20.930	ug/l	98
95) Naphthalene	13.83	128	713231	20.275	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	231652	20.602	ug/l	99

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

