

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013470.D
 Acq On : 20 Nov 2019 11:03
 Operator : JC/SP
 Sample : VX1120WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/21/2019 9:50:54 AM

Quant Time: Nov 21 01:06:37 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	702209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1045147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	946784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	471511	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	400171	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.48	113	330920	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	8.71	98	1265004	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	452692	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	155509	19.220	ug/l	99
3) Chloromethane	1.31	50	172893	19.705	ug/l	99
4) Vinyl Chloride	1.40	62	203372	20.360	ug/l	99
5) Bromomethane	1.63	94	122565	17.607	ug/l	99
6) Chloroethane	1.71	64	114291	19.284	ug/l	97
7) Trichlorofluoromethane	1.92	101	230228	19.509	ug/l	98
8) Diethyl Ether	2.17	74	106790	20.463	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	150361	22.860	ug/l	97
10) Methyl Iodide	2.50	142	149273	18.330	ug/l	99
11) Tert butyl alcohol	3.03	59	207179	94.487	ug/l	100
12) 1,1-Dichloroethene	2.36	96	139572	21.668	ug/l	98
13) Acrolein	2.28	56	94584	79.592	ug/l	100
14) Allyl chloride	2.72	41	254844	21.775	ug/l	98
15) Acrylonitrile	3.12	53	446948	109.123	ug/l	99
16) Acetone	2.43	43	424029	102.189	ug/l	99
17) Carbon Disulfide	2.56	76	335006	19.432	ug/l	97
18) Methyl Acetate	2.76	43	258910	22.601	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	488101	22.720	ug/l	97
20) Methylene Chloride	2.84	84	159796	20.843	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	148301	21.146	ug/l	96
22) Diisopropyl ether	3.84	45	528335	23.383	ug/l	98
23) Vinyl Acetate	3.80	43	2148942	111.146	ug/l	99
24) 1,1-Dichloroethane	3.69	63	279346	22.101	ug/l	97
25) 2-Butanone	4.65	43	655986	107.763	ug/l	98
26) 2,2-Dichloropropane	4.57	77	227702	22.645	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	175381	22.323	ug/l	98
28) Bromochloromethane	5.00	49	71758	19.995	ug/l	98
29) Tetrahydrofuran	5.11	42	403699	107.617	ug/l	99
30) Chloroform	5.20	83	283352	22.703	ug/l	95
31) Cyclohexane	5.57	56	244126	21.464	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	232720	21.666	ug/l	99
36) 1,1-Dichloropropene	5.79	75	204107	22.764	ug/l	99
37) Ethyl Acetate	4.81	43	241326	21.782	ug/l	100
38) Carbon Tetrachloride	5.77	117	196639	22.428	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	250355	22.409	ug/l	96
40) Benzene	6.13	78	621342	22.247	ug/l	99
41) Methacrylonitrile	5.02	41	139044	22.391	ug/l	97
42) 1,2-Dichloroethane	6.18	62	226486	22.482	ug/l	97
43) Isopropyl Acetate	6.43	43	397080	23.016	ug/l	99
44) Trichloroethene	7.20	130	169369	22.031	ug/l	98
45) 1,2-Dichloropropane	7.50	63	164378	23.099	ug/l	99
46) Dibromomethane	7.65	93	107852	22.197	ug/l	98
47) Bromodichloromethane	7.89	83	215399	23.510	ug/l	95
48) Methyl methacrylate	7.76	41	193935	22.520	ug/l	97
49) 1,4-Dioxane	7.73	88	83465	423.206	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1253251	110.723	ug/l	99
52) Toluene	8.78	92	399752	23.093	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	233261	23.282	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	267217	23.844	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	167335	23.322	ug/l	96
56) Ethyl methacrylate	9.17	69	264042	22.445	ug/l	96
57) 1,3-Dichloropropane	9.36	76	279735	22.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	466002	94.989	ug/l	100
59) 2-Hexanone	9.48	43	968433	110.717	ug/l	99
60) Dibromochloromethane	9.57	129	171283	23.342	ug/l	100
61) 1,2-Dibromoethane	9.67	107	172972	22.703	ug/l	99
64) Tetrachloroethene	9.33	164	152059	22.435	ug/l	97
65) Chlorobenzene	10.14	112	433285	22.604	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	163035	23.165	ug/l	99
67) Ethyl Benzene	10.25	91	759448	22.957	ug/l	99
68) m/p-Xylenes	10.36	106	586064	46.843	ug/l	98
69) o-Xylene	10.70	106	277889	22.687	ug/l	99
70) Styrene	10.71	104	475792	23.237	ug/l	99
71) Bromoform	10.85	173	132332	22.182	ug/l #	100
73) Isopropylbenzene	11.01	105	756472	24.198	ug/l	100
74) N-amyl acetate	10.89	43	340592	23.494	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	266140	23.336	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	247200m	25.812	ug/l	
77) Bromobenzene	11.25	156	195476	23.455	ug/l	99
78) n-propylbenzene	11.35	91	858743	24.660	ug/l	100
79) 2-Chlorotoluene	11.42	91	505256	24.081	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	635561	24.408	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	83552	22.456	ug/l	100
82) 4-Chlorotoluene	11.51	91	581745	23.686	ug/l	99
83) tert-Butylbenzene	11.76	119	641008	24.454	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	629672	24.106	ug/l	99
85) sec-Butylbenzene	11.94	105	739916	24.561	ug/l	100
86) p-Isopropyltoluene	12.06	119	679554	24.497	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	345506	23.258	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	343600	22.702	ug/l	99
89) n-Butylbenzene	12.39	91	583044	24.087	ug/l	100
90) Hexachloroethane	12.59	117	120953	24.472	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	345660	23.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	54990	19.791	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	234061	22.597	ug/l	98
94) Hexachlorobutadiene	13.78	225	119289	23.540	ug/l	99
95) Naphthalene	13.83	128	702514	21.617	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	235990	22.718	ug/l	98

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

