

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013850.D
 Acq On : 09 Dec 2019 14:37
 Operator : JC/SP
 Sample : VX1209WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Manual Integrations
 APPROVED

apatel
 12/11/2019 8:54:32 AM

Quant Time: Dec 10 03:54:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	583188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	892064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	805294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	313014	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	5.48	113	261314	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.71	98	973687	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
62) 4-Bromofluorobenzene	11.14	95	345271	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	102453	15.783	ug/l	98
3) Chloromethane	1.32	50	119619	16.423	ug/l	100
4) Vinyl Chloride	1.40	62	139794	17.052	ug/l	98
5) Bromomethane	1.63	94	79564	14.452	ug/l	95
6) Chloroethane	1.72	64	77704	16.657	ug/l	97
7) Trichlorofluoromethane	1.92	101	145643	16.000	ug/l	100
8) Diethyl Ether	2.18	74	70156	17.035	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91892	16.527	ug/l	98
10) Methyl Iodide	2.50	142	87349	12.987	ug/l	99
11) Tert butyl alcohol	3.03	59	130375	78.025	ug/l	98
12) 1,1-Dichloroethene	2.36	96	90107	16.235	ug/l	97
13) Acrolein	2.28	56	106203	98.760	ug/l	97
14) Allyl chloride	2.72	41	164040	16.287	ug/l	99
15) Acrylonitrile	3.13	53	290554	84.241	ug/l	98
16) Acetone	2.43	43	272598	81.563	ug/l	98
17) Carbon Disulfide	2.56	76	226267	14.301	ug/l	100
18) Methyl Acetate	2.76	43	168497	18.105	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	313730	17.064	ug/l	99
20) Methylene Chloride	2.85	84	109061	16.985	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	96050	15.886	ug/l	97
22) Diisopropyl ether	3.84	45	346621	17.873	ug/l	96
23) Vinyl Acetate	3.80	43	1375347	85.247	ug/l	98
24) 1,1-Dichloroethane	3.69	63	183351	17.294	ug/l	99
25) 2-Butanone	4.65	43	414948	83.539	ug/l	97
26) 2,2-Dichloropropane	4.57	77	132982	15.160	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	112515	16.205	ug/l	99
28) Bromochloromethane	5.00	49	83276	19.869	ug/l	100
29) Tetrahydrofuran	5.11	42	267686	87.420	ug/l	99
30) Chloroform	5.20	83	179998	16.741	ug/l	97
31) Cyclohexane	5.57	56	155190	15.519	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	146784	16.336	ug/l	100
36) 1,1-Dichloropropene	5.79	75	130675	16.137	ug/l	99
37) Ethyl Acetate	4.82	43	153137	16.857	ug/l	98
38) Carbon Tetrachloride	5.78	117	124648	16.694	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155872	15.572	ug/l	97
40) Benzene	6.14	78	411801	16.697	ug/l	98
41) Methacrylonitrile	5.03	41	86278	17.318	ug/l	97
42) 1,2-Dichloroethane	6.18	62	148633	17.671	ug/l	99
43) Isopropyl Acetate	6.43	43	250162	16.727	ug/l	99
44) Trichloroethene	7.21	130	108237	15.991	ug/l	98
45) 1,2-Dichloropropane	7.51	63	107062	17.350	ug/l	98
46) Dibromomethane	7.65	93	71320	17.018	ug/l	97
47) Bromodichloromethane	7.89	83	133371	16.834	ug/l	99
48) Methyl methacrylate	7.76	41	122848	16.906	ug/l	98
49) 1,4-Dioxane	7.73	88	51740	318.095	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	815166	86.650	ug/l	100
52) Toluene	8.78	92	257474	16.805	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140691	15.601	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159453	16.184	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	108502	17.573	ug/l	97
56) Ethyl methacrylate	9.17	69	163741	16.495	ug/l	98
57) 1,3-Dichloropropane	9.37	76	180120	16.925	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	351546	90.325	ug/l	100
59) 2-Hexanone	9.48	43	623570	84.988	ug/l	98
60) Dibromochloromethane	9.57	129	105354	16.442	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112896	17.120	ug/l	97
64) Tetrachloroethene	9.33	164	100772	16.780	ug/l	99
65) Chlorobenzene	10.14	112	274989	16.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	102243	17.030	ug/l	99
67) Ethyl Benzene	10.25	91	480269	16.716	ug/l	98
68) m/p-Xylenes	10.35	106	362376	32.944	ug/l	99
69) o-Xylene	10.70	106	177672	16.562	ug/l	98
70) Styrene	10.71	104	299855	16.616	ug/l	100
71) Bromoform	10.85	173	81036	16.313	ug/l	99
73) Isopropylbenzene	11.01	105	475485	17.690	ug/l	100
74) N-amyl acetate	10.89	43	208889	16.965	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	170465	18.287	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	154695m	17.949	ug/l	
77) Bromobenzene	11.25	156	124415	17.133	ug/l	99
78) n-propylbenzene	11.35	91	523238	17.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	320199	17.789	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	389778	17.693	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47731	15.151	ug/l	93
82) 4-Chlorotoluene	11.51	91	359173	17.229	ug/l	100
83) tert-Butylbenzene	11.76	119	393878	17.592	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	391054	17.490	ug/l	100
85) sec-Butylbenzene	11.94	105	445005	17.401	ug/l	99
86) p-Isopropyltoluene	12.06	119	405191	17.032	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	208091	16.439	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	213050	16.524	ug/l	99
89) n-Butylbenzene	12.39	91	333387	16.430	ug/l	98
90) Hexachloroethane	12.59	117	71516	16.631	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	213174	17.045	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35350	17.414	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134572	15.439	ug/l	98
94) Hexachlorobutadiene	13.78	225	64018	15.289	ug/l	99
95) Naphthalene	13.83	128	422443	16.275	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140386	16.267	ug/l	99

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

