

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120519\
 Data File : VX013771.D
 Acq On : 05 Dec 2019 13:04
 Operator : JC/SP
 Sample : VX1205WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Manual Integrations
 APPROVED

apatel
 12/6/2019 9:36:09 AM

Quant Time: Dec 06 02:49:15 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	623738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	938163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	839527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	428541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	334781	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	5.48	113	276688	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
50) Toluene-d8	8.71	98	1044112	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
62) 4-Bromofluorobenzene	11.13	95	380328	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	125912	18.136	ug/l	98
3) Chloromethane	1.32	50	135639	17.412	ug/l	100
4) Vinyl Chloride	1.40	62	156427	17.841	ug/l	100
5) Bromomethane	1.63	94	94430	16.037	ug/l	94
6) Chloroethane	1.72	64	91357	18.310	ug/l	94
7) Trichlorofluoromethane	1.92	101	178625	18.347	ug/l	99
8) Diethyl Ether	2.17	74	85137	19.329	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	112731	18.957	ug/l	98
10) Methyl Iodide	2.50	142	116907	16.251	ug/l	98
11) Tert butyl alcohol	3.03	59	149525	83.668	ug/l	98
12) 1,1-Dichloroethene	2.36	96	107898	18.177	ug/l	99
13) Acrolein	2.28	56	100735	88.265	ug/l	98
14) Allyl chloride	2.72	41	196226	18.216	ug/l	99
15) Acrylonitrile	3.12	53	345472	93.651	ug/l	99
16) Acetone	2.43	43	333647	93.339	ug/l	98
17) Carbon Disulfide	2.56	76	285526	16.874	ug/l	99
18) Methyl Acetate	2.76	43	200089	20.102	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	387402	19.701	ug/l	100
20) Methylene Chloride	2.84	84	130762	19.041	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	117083	18.106	ug/l	96
22) Diisopropyl ether	3.84	45	406699	19.607	ug/l	91
23) Vinyl Acetate	3.80	43	1674648	97.050	ug/l	100
24) 1,1-Dichloroethane	3.69	63	215778	19.030	ug/l	98
25) 2-Butanone	4.65	43	494619	93.105	ug/l	98
26) 2,2-Dichloropropane	4.56	77	169429	18.060	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	137266	18.484	ug/l	99
28) Bromochloromethane	5.00	49	90362	20.158	ug/l	100
29) Tetrahydrofuran	5.11	42	312124	95.305	ug/l	99
30) Chloroform	5.20	83	215509	18.741	ug/l	96
31) Cyclohexane	5.56	56	189863	17.752	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	177787	18.501	ug/l	99
36) 1,1-Dichloropropene	5.79	75	156984	18.434	ug/l	99
37) Ethyl Acetate	4.81	43	187721	19.649	ug/l	100
38) Carbon Tetrachloride	5.77	117	149981	19.099	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	195420	18.564	ug/l	99
40) Benzene	6.13	78	488101	18.818	ug/l	99
41) Methacrylonitrile	5.03	41	102432	19.550	ug/l	98
42) 1,2-Dichloroethane	6.18	62	180266	20.379	ug/l	99
43) Isopropyl Acetate	6.43	43	307377	19.542	ug/l	99
44) Trichloroethene	7.20	130	130125	18.280	ug/l	97
45) 1,2-Dichloropropane	7.51	63	130891	20.170	ug/l	95
46) Dibromomethane	7.65	93	85506	19.400	ug/l	98
47) Bromodichloromethane	7.89	83	165312	19.840	ug/l	96
48) Methyl methacrylate	7.76	41	150284	19.665	ug/l	98
49) 1,4-Dioxane	7.73	88	62080	362.911	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	968297	97.870	ug/l	99
52) Toluene	8.78	92	308276	19.132	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	181933	19.183	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	201806	19.476	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	129165	19.892	ug/l	98
56) Ethyl methacrylate	9.17	69	207041	19.832	ug/l	99
57) 1,3-Dichloropropane	9.36	76	216936	19.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	366298	89.491	ug/l	98
59) 2-Hexanone	9.48	43	733121	95.009	ug/l	100
60) Dibromochloromethane	9.57	129	136545	20.263	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138687	19.998	ug/l	97
64) Tetrachloroethene	9.33	164	122604	19.583	ug/l	98
65) Chlorobenzene	10.14	112	335216	19.232	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	124538	19.897	ug/l	99
67) Ethyl Benzene	10.25	91	587092	19.601	ug/l	98
68) m/p-Xylenes	10.36	106	450858	39.317	ug/l	99
69) o-Xylene	10.70	106	219353	19.613	ug/l	99
70) Styrene	10.71	104	371378	19.740	ug/l	99
71) Bromoform	10.85	173	102540	19.800	ug/l #	97
73) Isopropylbenzene	11.01	105	577871	19.224	ug/l	100
74) N-amyl acetate	10.89	43	260982	18.952	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	203740	19.544	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161002m	16.704	ug/l	
77) Bromobenzene	11.25	156	155652	19.167	ug/l	98
78) n-propylbenzene	11.35	91	643400	19.173	ug/l	99
79) 2-Chlorotoluene	11.42	91	390316	19.390	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	483222	19.613	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62745	17.809	ug/l	99
82) 4-Chlorotoluene	11.51	91	446340	19.144	ug/l	99
83) tert-Butylbenzene	11.76	119	494549	19.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	485712	19.425	ug/l	100
85) sec-Butylbenzene	11.94	105	559749	19.572	ug/l	100
86) p-Isopropyltoluene	12.06	119	517751	19.460	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	270833	19.132	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	270383	18.752	ug/l	100
89) n-Butylbenzene	12.39	91	426913	18.813	ug/l	99
90) Hexachloroethane	12.59	117	90401	18.798	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	271743	19.429	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42691	18.805	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	181610	18.631	ug/l	99
94) Hexachlorobutadiene	13.78	225	86128	18.393	ug/l	99
95) Naphthalene	13.83	128	553397	19.063	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	183344	18.996	ug/l	100

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

