

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014971.D
 Acq On : 20 Feb 2020 11:44
 Operator : JC/SP
 Sample : VX0220WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 9:15:28 AM

Quant Time: Feb 21 00:46:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	421458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	624656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	578769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	235474	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.48	113	191653	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.71	98	732179	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	269224	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	75622	18.947	ug/l	99
3) Chloromethane	1.32	50	85960	18.996	ug/l	99
4) Vinyl Chloride	1.40	62	90575	18.581	ug/l	100
5) Bromomethane	1.64	94	59601	18.889	ug/l	98
6) Chloroethane	1.72	64	58327	18.700	ug/l	96
7) Trichlorofluoromethane	1.93	101	130776	19.202	ug/l	96
8) Diethyl Ether	2.18	74	54971	19.464	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75829	19.181	ug/l	99
10) Methyl Iodide	2.50	142	79836	20.901	ug/l	97
11) Tert butyl alcohol	3.01	59	85825	102.194	ug/l	98
12) 1,1-Dichloroethene	2.37	96	71914	18.616	ug/l	96
13) Acrolein	2.28	56	46634	72.856	ug/l	98
14) Allyl chloride	2.72	41	126595	18.483	ug/l	99
15) Acrylonitrile	3.12	53	216675	101.772	ug/l	99
16) Acetone	2.42	43	234718	84.636	ug/l	100
17) Carbon Disulfide	2.56	76	187709	17.391	ug/l	98
18) Methyl Acetate	2.76	43	100251	20.927	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	250622	19.934	ug/l	100
20) Methylene Chloride	2.84	84	86535	18.912	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	80010	18.770	ug/l	98
22) Diisopropyl ether	3.84	45	266324	20.359	ug/l	98
23) Vinyl Acetate	3.80	43	1128855	104.683	ug/l	100
24) 1,1-Dichloroethane	3.69	63	144225	19.535	ug/l	97
25) 2-Butanone	4.65	43	314366	97.080	ug/l	99
26) 2,2-Dichloropropane	4.57	77	117490	18.466	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	91515	19.206	ug/l	100
28) Bromochloromethane	5.00	49	60179	21.030	ug/l	98
29) Tetrahydrofuran	5.11	42	188929	102.634	ug/l	99
30) Chloroform	5.20	83	146353	19.980	ug/l	95
31) Cyclohexane	5.57	56	124288	18.483	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	121092	18.899	ug/l	98
36) 1,1-Dichloropropene	5.79	75	106118	18.991	ug/l	98
37) Ethyl Acetate	4.81	43	118373	20.311	ug/l	99
38) Carbon Tetrachloride	5.78	117	105251	19.328	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	128921	18.448	ug/l	96
40) Benzene	6.13	78	324648	19.446	ug/l	99
41) Methacrylonitrile	5.03	41	64729	20.617	ug/l	99
42) 1,2-Dichloroethane	6.18	62	117635	19.495	ug/l	100
43) Isopropyl Acetate	6.43	43	194568	20.238	ug/l	98
44) Trichloroethene	7.20	130	91296	18.837	ug/l	96
45) 1,2-Dichloropropane	7.50	63	84433	19.830	ug/l	96
46) Dibromomethane	7.65	93	57127	19.628	ug/l	97
47) Bromodichloromethane	7.89	83	112903	19.565	ug/l	96
48) Methyl methacrylate	7.76	41	92870	19.629	ug/l	100
49) 1,4-Dioxane	7.73	88	38741	437.944	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	598469	103.094	ug/l	99
52) Toluene	8.78	92	205480	19.378	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	121310	19.181	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	135380	19.377	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	85308	19.885	ug/l	96
56) Ethyl methacrylate	9.17	69	127099	19.710	ug/l	98
57) 1,3-Dichloropropane	9.36	76	144011	19.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	332663	98.643	ug/l	100
59) 2-Hexanone	9.48	43	455308	99.785	ug/l	100
60) Dibromochloromethane	9.57	129	88908	19.257	ug/l	95
61) 1,2-Dibromoethane	9.67	107	90587	19.570	ug/l	100
64) Tetrachloroethene	9.33	164	95181	17.589	ug/l	98
65) Chlorobenzene	10.13	112	225506	19.210	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	86489	20.294	ug/l	97
67) Ethyl Benzene	10.25	91	390579	19.564	ug/l	99
68) m/p-Xylenes	10.35	106	303656	39.482	ug/l	98
69) o-Xylene	10.69	106	146015	19.750	ug/l	97
70) Styrene	10.71	104	246622	19.718	ug/l	100
71) Bromoform	10.85	173	68597	19.283	ug/l #	98
73) Isopropylbenzene	11.01	105	389912	20.024	ug/l	100
74) N-amyl acetate	10.89	43	162360	20.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	127911	20.095	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	107960m	19.227	ug/l	
77) Bromobenzene	11.25	156	106684	19.630	ug/l	97
78) n-propylbenzene	11.35	91	444548	19.739	ug/l	99
79) 2-Chlorotoluene	11.42	91	260949	19.709	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	328619	20.198	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	39457	17.988	ug/l	93
82) 4-Chlorotoluene	11.51	91	303518	19.358	ug/l	100
83) tert-Butylbenzene	11.76	119	315211	20.459	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	331376	20.210	ug/l	100
85) sec-Butylbenzene	11.94	105	380963	19.904	ug/l	99
86) p-Isopropyltoluene	12.06	119	356432	19.901	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187943	19.276	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	186310	18.712	ug/l	99
89) n-Butylbenzene	12.39	91	303061	18.893	ug/l	100
90) Hexachloroethane	12.59	117	60873	19.462	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	188435	19.708	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27271	18.262	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131959	18.698	ug/l	100
94) Hexachlorobutadiene	13.78	225	67772	19.854	ug/l	99
95) Naphthalene	13.83	128	372959	19.876	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132971	19.502	ug/l	99

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

