

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020520\
 Data File : VX014829.D
 Acq On : 05 Feb 2020 17:50
 Operator : JC/SP
 Sample : VX0205WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD02

Manual Integrations
 APPROVED

MMDadoda
 2/6/2020 1:34:16 PM

Quant Time: Feb 06 04:23:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	408191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	616857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	562226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	229090	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	5.49	113	188899	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	8.71	98	712202	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	11.13	95	251564	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	93564	17.427	ug/l	98
3) Chloromethane	1.32	50	94747	17.158	ug/l	99
4) Vinyl Chloride	1.40	62	108456	18.165	ug/l	98
5) Bromomethane	1.64	94	66201	16.324	ug/l	99
6) Chloroethane	1.72	64	65663	18.346	ug/l	97
7) Trichlorofluoromethane	1.92	101	129811	18.672	ug/l	99
8) Diethyl Ether	2.18	74	58371	19.236	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74785	18.324	ug/l	98
10) Methyl Iodide	2.50	142	98143	18.327	ug/l	99
11) Tert butyl alcohol	3.03	59	93595	87.457	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73526	18.120	ug/l	100
13) Acrolein	2.28	56	69642	82.533	ug/l	96
14) Allyl chloride	2.72	41	136149	18.667	ug/l	98
15) Acrylonitrile	3.13	53	228953	92.464	ug/l	99
16) Acetone	2.43	43	242342	92.858	ug/l	99
17) Carbon Disulfide	2.56	76	176384	15.904	ug/l	99
18) Methyl Acetate	2.76	43	145357	19.492	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	264242	19.881	ug/l	99
20) Methylene Chloride	2.85	84	88109	18.226	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	81416	18.223	ug/l	96
22) Diisopropyl ether	3.84	45	280787	19.350	ug/l	97
23) Vinyl Acetate	3.80	43	1046943	94.647	ug/l	100
24) 1,1-Dichloroethane	3.69	63	150283	19.070	ug/l	99
25) 2-Butanone	4.65	43	334469	89.358	ug/l	99
26) 2,2-Dichloropropane	4.58	77	119383	18.926	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	94904	18.979	ug/l	99
28) Bromochloromethane	5.00	49	56890	16.428	ug/l	96
29) Tetrahydrofuran	5.12	42	199957	90.008	ug/l	98
30) Chloroform	5.20	83	150940	19.335	ug/l	98
31) Cyclohexane	5.57	56	129430	17.462	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	127409	19.308	ug/l	98
36) 1,1-Dichloropropene	5.79	75	107798	18.807	ug/l	98
37) Ethyl Acetate	4.82	43	122641	18.681	ug/l	99
38) Carbon Tetrachloride	5.78	117	106994	19.545	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	128794	17.936	ug/l	97
40) Benzene	6.14	78	336680	19.011	ug/l	98
41) Methacrylonitrile	5.03	41	70914	18.775	ug/l	98
42) 1,2-Dichloroethane	6.18	62	124773	20.402	ug/l	99
43) Isopropyl Acetate	6.43	43	202500	18.837	ug/l	99
44) Trichloroethene	7.21	130	94085	18.808	ug/l	97
45) 1,2-Dichloropropane	7.51	63	88346	19.363	ug/l	99
46) Dibromomethane	7.65	93	59511	20.139	ug/l	97
47) Bromodichloromethane	7.89	83	115574	19.942	ug/l	98
48) Methyl methacrylate	7.76	41	97740	19.029	ug/l	96
49) 1,4-Dioxane	7.73	88	39172	359.772	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	641000	94.473	ug/l	100
52) Toluene	8.78	92	212008	19.474	ug/l	95
53) t-1,3-Dichloropropene	9.03	75	124129	19.891	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	137283	19.997	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	89718	20.129	ug/l	98
56) Ethyl methacrylate	9.17	69	134251	18.917	ug/l	99
57) 1,3-Dichloropropane	9.37	76	153085	20.091	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	214072	95.501	ug/l	100
59) 2-Hexanone	9.48	43	484655	92.051	ug/l	99
60) Dibromochloromethane	9.57	129	92553	19.894	ug/l	100
61) 1,2-Dibromoethane	9.67	107	93054	19.746	ug/l	99
64) Tetrachloroethene	9.33	164	107193	19.261	ug/l	98
65) Chlorobenzene	10.14	112	233977	19.456	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	88100	19.869	ug/l	99
67) Ethyl Benzene	10.25	91	399430	19.452	ug/l	99
68) m/p-Xylenes	10.35	106	304158	39.099	ug/l	98
69) o-Xylene	10.70	106	147835	19.685	ug/l	99
70) Styrene	10.71	104	254068	20.168	ug/l	100
71) Bromoform	10.85	173	69362	19.671	ug/l #	97
73) Isopropylbenzene	11.01	105	397450	19.971	ug/l	100
74) N-amyl acetate	10.89	43	171278	19.640	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	132079	18.588	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	110680m	16.808	ug/l	
77) Bromobenzene	11.25	156	106864	19.988	ug/l	98
78) n-propylbenzene	11.35	91	446759	19.777	ug/l	100
79) 2-Chlorotoluene	11.42	91	264363	19.342	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	333202	20.173	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40509	17.507	ug/l	94
82) 4-Chlorotoluene	11.51	91	309618	19.898	ug/l	99
83) tert-Butylbenzene	11.76	119	310638	20.014	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	332551	20.073	ug/l	99
85) sec-Butylbenzene	11.94	105	383829	20.187	ug/l	100
86) p-Isopropyltoluene	12.06	119	352293	20.049	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187100	19.473	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	185272	19.250	ug/l	98
89) n-Butylbenzene	12.39	91	291633	19.056	ug/l	99
90) Hexachloroethane	12.59	117	60329	18.484	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	186925	19.588	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28124	18.422	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	121621	19.768	ug/l	98
94) Hexachlorobutadiene	13.77	225	61291	19.355	ug/l	96
95) Naphthalene	13.83	128	371486	19.307	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	128624	20.675	ug/l	100

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

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