

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014882.D
 Acq On : 10 Feb 2020 12:22
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX021020

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:36:27 AM

Quant Time: Feb 11 06:57:16 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	474747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	706119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	648761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	342156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	241398	45.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.48	113	201360	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
50) Toluene-d8	8.71	98	772238	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.13	95	275346	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	234531	52.165	ug/l	98
3) Chloromethane	1.32	50	266069	52.199	ug/l	99
4) Vinyl Chloride	1.40	62	270209	49.209	ug/l	99
5) Bromomethane	1.63	94	183186	51.540	ug/l	97
6) Chloroethane	1.72	64	166969	47.523	ug/l	99
7) Trichlorofluoromethane	1.92	101	376252	49.043	ug/l	100
8) Diethyl Ether	2.18	74	149577	47.016	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215936	48.490	ug/l	99
10) Methyl Iodide	2.50	142	225525	45.827	ug/l	99
11) Tert butyl alcohol	3.03	59	239610	253.285	ug/l	100
12) 1,1-Dichloroethene	2.37	96	212349	48.799	ug/l	94
13) Acrolein	2.28	56	172119	238.718	ug/l	98
14) Allyl chloride	2.72	41	366856	47.550	ug/l	99
15) Acrylonitrile	3.12	53	583649	243.368	ug/l	99
16) Acetone	2.43	43	605592	208.603	ug/l	99
17) Carbon Disulfide	2.56	76	595962	49.017	ug/l	99
18) Methyl Acetate	2.76	43	256823	47.593	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	698368	49.313	ug/l	97
20) Methylene Chloride	2.84	84	233739	45.350	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	226792	47.233	ug/l	99
22) Diisopropyl ether	3.84	45	720304	48.883	ug/l	96
23) Vinyl Acetate	3.80	43	3192043	262.785	ug/l	100
24) 1,1-Dichloroethane	3.69	63	402342	48.380	ug/l	99
25) 2-Butanone	4.65	43	854080	234.146	ug/l	100
26) 2,2-Dichloropropane	4.57	77	350336	48.883	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	258154	48.097	ug/l	100
28) Bromochloromethane	5.00	49	159239	49.400	ug/l	99
29) Tetrahydrofuran	5.11	42	516881	249.272	ug/l	100
30) Chloroform	5.20	83	399187	48.380	ug/l	99
31) Cyclohexane	5.57	56	369445	48.775	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	352886	48.893	ug/l	99
36) 1,1-Dichloropropene	5.79	75	307476	48.679	ug/l	99
37) Ethyl Acetate	4.81	43	322285	48.920	ug/l	100
38) Carbon Tetrachloride	5.77	117	309166	50.225	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	389288	49.279	ug/l	99
40) Benzene	6.13	78	914123	48.437	ug/l	99
41) Methacrylonitrile	5.02	41	180466	50.849	ug/l	98
42) 1,2-Dichloroethane	6.18	62	329292	48.276	ug/l	99
43) Isopropyl Acetate	6.43	43	543862	50.044	ug/l	99
44) Trichloroethene	7.20	130	260323	47.516	ug/l	99
45) 1,2-Dichloropropane	7.50	63	235262	48.880	ug/l	100
46) Dibromomethane	7.65	93	157902	47.995	ug/l	99
47) Bromodichloromethane	7.89	83	316551	48.526	ug/l	99
48) Methyl methacrylate	7.76	41	271467	50.757	ug/l	100
49) 1,4-Dioxane	7.73	88	104546	1045.487	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1652362	251.802	ug/l	100
52) Toluene	8.78	92	586319	48.915	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	357632	50.024	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	389538	49.322	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	232927	48.030	ug/l	97
56) Ethyl methacrylate	9.17	69	377798	51.829	ug/l	99
57) 1,3-Dichloropropane	9.36	76	389461	47.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	943550	247.509	ug/l	100
59) 2-Hexanone	9.48	43	1270406	246.301	ug/l	99
60) Dibromochloromethane	9.57	129	258096	49.454	ug/l	96
61) 1,2-Dibromoethane	9.67	107	249810	47.741	ug/l	99
64) Tetrachloroethene	9.33	164	258146	42.559	ug/l	98
65) Chlorobenzene	10.13	112	640596	48.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	238769	49.981	ug/l	100
67) Ethyl Benzene	10.25	91	1129268	50.462	ug/l	98
68) m/p-Xylenes	10.35	106	870791	101.008	ug/l	98
69) o-Xylene	10.70	106	420023	50.684	ug/l	99
70) Styrene	10.71	104	714384	50.956	ug/l	100
71) Bromoform	10.85	173	205362	51.502	ug/l #	100
73) Isopropylbenzene	11.01	105	1115714	51.998	ug/l	100
74) N-amyl acetate	10.89	43	485194	54.422	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	355567	50.693	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	295992m	47.839	ug/l	
77) Bromobenzene	11.25	156	295524	49.345	ug/l	98
78) n-propylbenzene	11.35	91	1280268	51.588	ug/l	100
79) 2-Chlorotoluene	11.42	91	735416	50.406	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	937716	52.303	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	124119	51.348	ug/l	98
82) 4-Chlorotoluene	11.51	91	866269	50.138	ug/l	100
83) tert-Butylbenzene	11.76	119	912437	53.744	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	946062	52.362	ug/l	100
85) sec-Butylbenzene	11.94	105	1087094	51.543	ug/l	100
86) p-Isopropyltoluene	12.06	119	1018420	51.601	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	535928	49.882	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	533844	48.657	ug/l	99
89) n-Butylbenzene	12.39	91	890441	50.375	ug/l	99
90) Hexachloroethane	12.59	117	179077	51.956	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	523469	49.683	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	78778	47.874	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	387234	49.793	ug/l	97
94) Hexachlorobutadiene	13.78	225	190310	50.594	ug/l	99
95) Naphthalene	13.83	128	1099927	53.195	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	372965	49.639	ug/l	99

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

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