

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015085.D
 Acq On : 04 Mar 2020 13:59
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:45 PM

Quant Time: Mar 05 07:47:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	408344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	605864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	560887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	292076	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	231631	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	5.48	113	191579	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.71	98	738849	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.13	95	265413	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	174865	48.903	ug/l	100
3) Chloromethane	1.32	50	240909	47.562	ug/l	100
4) Vinyl Chloride	1.40	62	237717	46.284	ug/l	100
5) Bromomethane	1.63	94	148514	47.034	ug/l	100
6) Chloroethane	1.72	64	149123	48.402	ug/l	99
7) Trichlorofluoromethane	1.92	101	294294	48.156	ug/l	100
8) Diethyl Ether	2.18	74	131715	47.585	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	186454	48.493	ug/l	98
10) Methyl Iodide	2.50	142	207798	47.836	ug/l	99
11) Tert butyl alcohol	3.03	59	216678	257.792	ug/l	100
12) 1,1-Dichloroethene	2.36	96	188327	47.459	ug/l	98
13) Acrolein	2.28	56	185333	234.633	ug/l	99
14) Allyl chloride	2.72	41	336384	48.616	ug/l	99
15) Acrylonitrile	3.12	53	520230	248.531	ug/l	100
16) Acetone	2.43	43	501149	255.438	ug/l	100
17) Carbon Disulfide	2.56	76	518604	47.060	ug/l	100
18) Methyl Acetate	2.76	43	221907	46.257	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	616709	49.734	ug/l	98
20) Methylene Chloride	2.84	84	207865	45.272	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	203231	47.965	ug/l	99
22) Diisopropyl ether	3.84	45	678457	49.217	ug/l	99
23) Vinyl Acetate	3.80	43	2930083	258.577	ug/l	100
24) 1,1-Dichloroethane	3.69	63	365722	47.801	ug/l	100
25) 2-Butanone	4.65	43	748454	260.581	ug/l	100
26) 2,2-Dichloropropane	4.57	77	303098	49.904	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	230918	48.579	ug/l	99
28) Bromochloromethane	5.00	49	163255	46.860	ug/l	100
29) Tetrahydrofuran	5.11	42	461010	248.995	ug/l	100
30) Chloroform	5.20	83	359436	48.201	ug/l	98
31) Cyclohexane	5.57	56	333462	48.864	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	303405	49.083	ug/l	99
36) 1,1-Dichloropropene	5.79	75	277524	49.549	ug/l	100
37) Ethyl Acetate	4.81	43	283248	54.518	ug/l	99
38) Carbon Tetrachloride	5.77	117	267318	50.563	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	349204	53.394	ug/l	99
40) Benzene	6.13	78	819063	49.290	ug/l	99
41) Methacrylonitrile	5.03	41	159300	51.046	ug/l	99
42) 1,2-Dichloroethane	6.18	62	289152	50.670	ug/l	100
43) Isopropyl Acetate	6.43	43	478273	52.328	ug/l	100
44) Trichloroethene	7.20	130	226812	49.011	ug/l	97
45) 1,2-Dichloropropane	7.50	63	216200	50.265	ug/l	99
46) Dibromomethane	7.65	93	139081	49.625	ug/l	100
47) Bromodichloromethane	7.89	83	281025	50.706	ug/l	97
48) Methyl methacrylate	7.76	41	234979	50.513	ug/l	99
49) 1,4-Dioxane	7.73	88	101942	1013.558	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1461017	270.358	ug/l	100
52) Toluene	8.78	92	520059	51.185	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	317080	53.751	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	350617	52.575	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	208706	49.906	ug/l	99
56) Ethyl methacrylate	9.17	69	328981	55.151	ug/l	99
57) 1,3-Dichloropropane	9.36	76	354221	50.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	916524	282.041	ug/l	99
59) 2-Hexanone	9.48	43	1120946	279.861	ug/l	99
60) Dibromochloromethane	9.57	129	226443	51.546	ug/l	99
61) 1,2-Dibromoethane	9.67	107	217863	49.598	ug/l	100
64) Tetrachloroethene	9.33	164	218911	47.205	ug/l	97
65) Chlorobenzene	10.13	112	565074	50.181	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	211354	49.776	ug/l	99
67) Ethyl Benzene	10.25	91	1010265	52.833	ug/l	99
68) m/p-Xylenes	10.35	106	766174	105.314	ug/l	100
69) o-Xylene	10.69	106	367530	52.765	ug/l	99
70) Styrene	10.71	104	631735	52.896	ug/l	100
71) Bromoform	10.85	173	170609	51.814	ug/l #	99
73) Isopropylbenzene	11.01	105	983104	52.691	ug/l	100
74) N-amyl acetate	10.89	43	430149	54.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	312346	50.232	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	300429m	51.567	ug/l	
77) Bromobenzene	11.25	156	255276	49.094	ug/l	100
78) n-propylbenzene	11.35	91	1137045	53.342	ug/l	100
79) 2-Chlorotoluene	11.42	91	660316	51.871	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	823846	53.042	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110393	53.775	ug/l	97
82) 4-Chlorotoluene	11.51	91	772347	51.354	ug/l	100
83) tert-Butylbenzene	11.76	119	818968	54.531	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	839893	53.827	ug/l	100
85) sec-Butylbenzene	11.94	105	968371	53.413	ug/l	100
86) p-Isopropyltoluene	12.06	119	903481	54.090	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	457729	50.075	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	461008	48.850	ug/l	99
89) n-Butylbenzene	12.39	91	806512	54.289	ug/l	99
90) Hexachloroethane	12.59	117	160819	50.927	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	452267	49.765	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	67270	54.026	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	327986	51.993	ug/l	99
94) Hexachlorobutadiene	13.78	225	163838	50.613	ug/l	99
95) Naphthalene	13.83	128	959532	49.642	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	330184	52.460	ug/l	99

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

