

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015927.D
 Acq On : 24 Apr 2020 12:12
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 12:39:52 PM

Quant Time: Apr 24 12:47:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	147819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	276335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	259617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123211	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	98668	47.87	ug/l	0.00
Spiked Amount						
			Recovery	=	95.74%	
35) Dibromofluoromethane	5.47	113	75107	48.85	ug/l	0.00
Spiked Amount						
			Recovery	=	97.70%	
50) Toluene-d8	8.70	98	307979	49.56	ug/l	0.00
Spiked Amount						
			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.12	95	121457	46.04	ug/l	0.00
Spiked Amount						
			Recovery	=	92.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	86144	55.464	ug/l	100
3) Chloromethane	1.31	50	85950	53.754	ug/l	100
4) Vinyl Chloride	1.39	62	111230	53.790	ug/l	100
5) Bromomethane	1.62	94	45329	49.037	ug/l	100
6) Chloroethane	1.71	64	66810	52.582	ug/l	100
7) Trichlorofluoromethane	1.92	101	129087	52.101	ug/l	100
8) Diethyl Ether	2.17	74	58470	49.114	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81624	52.386	ug/l	100
10) Methyl Iodide	2.49	142	84598	56.855	ug/l	100
11) Tert butyl alcohol	3.01	59	108917	255.263	ug/l	100
12) 1,1-Dichloroethene	2.36	96	85722	52.577	ug/l	100
13) Acrolein	2.27	56	66501	235.811	ug/l	100
14) Allyl chloride	2.71	41	149442	51.488	ug/l	100
15) Acrylonitrile	3.12	53	253792	269.502	ug/l	100
16) Acetone	2.42	43	195367	255.568	ug/l	100
17) Carbon Disulfide	2.55	76	227517	43.566	ug/l	100
18) Methyl Acetate	2.75	43	119458	52.168	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	305780	52.599	ug/l	100
20) Methylene Chloride	2.84	84	97400	51.487	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	95105	52.217	ug/l	100
22) Diisopropyl ether	3.82	45	296513	51.935	ug/l	100
23) Vinyl Acetate	3.79	43	1246348	269.083	ug/l	100
24) 1,1-Dichloroethane	3.67	63	169555	52.193	ug/l	100
25) 2-Butanone	4.64	43	328143	268.006	ug/l	100
26) 2,2-Dichloropropane	4.56	77	149264	51.485	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	107738	51.987	ug/l	100
28) Bromochloromethane	4.98	49	73164	50.497	ug/l	100
29) Tetrahydrofuran	5.09	42	214157	263.194	ug/l	100
30) Chloroform	5.18	83	168412	52.444	ug/l	100
31) Cyclohexane	5.56	56	156573	53.011	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	150385	51.637	ug/l	100
36) 1,1-Dichloropropene	5.77	75	133044	50.890	ug/l	100
37) Ethyl Acetate	4.80	43	133272	50.925	ug/l	100
38) Carbon Tetrachloride	5.76	117	123124	52.240	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	161676	51.367	ug/l	100
40) Benzene	6.12	78	395087	52.100	ug/l	100
41) Methacrylonitrile	5.01	41	73463	48.937	ug/l	100
42) 1,2-Dichloroethane	6.17	62	137284	51.642	ug/l	100
43) Isopropyl Acetate	6.42	43	223137	52.791	ug/l	100
44) Trichloroethene	7.19	130	119098	50.538	ug/l	100
45) 1,2-Dichloropropane	7.49	63	101259	52.286	ug/l	100
46) Dibromomethane	7.64	93	67372	51.935	ug/l	100
47) Bromodichloromethane	7.88	83	137529	52.888	ug/l	100
48) Methyl methacrylate	7.75	41	107452	51.593	ug/l	100
49) 1,4-Dioxane	7.71	88	47013	1038.631	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	660630	270.446	ug/l	100
52) Toluene	8.77	92	252625	52.571	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	166761	53.031	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	175644	53.435	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	99111	51.505	ug/l	100
56) Ethyl methacrylate	9.16	69	164091	54.710	ug/l	100
57) 1,3-Dichloropropane	9.35	76	172742	52.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	403931	270.875	ug/l	100
59) 2-Hexanone	9.48	43	503642	274.432	ug/l	100
60) Dibromochloromethane	9.57	129	102377	55.626	ug/l	100
61) 1,2-Dibromoethane	9.66	107	105098	53.305	ug/l	100
64) Tetrachloroethene	9.32	164	131682	51.078	ug/l	100
65) Chlorobenzene	10.12	112	264337	52.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	95230	53.766	ug/l	100
67) Ethyl Benzene	10.24	91	486214	52.005	ug/l	100
68) m/p-Xylenes	10.34	106	359069	105.535	ug/l	100
69) o-Xylene	10.68	106	173495	52.339	ug/l	100
70) Styrene	10.70	104	306167	54.780	ug/l	100
71) Bromoform	10.84	173	66173	58.686	ug/l #	100
73) Isopropylbenzene	11.01	105	471223	52.265	ug/l	100
74) N-amyl acetate	10.88	43	206284	53.924	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	108179	55.107	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	136810m	42.465	ug/l	
77) Bromobenzene	11.24	156	104562	51.677	ug/l	100
78) n-propylbenzene	11.35	91	551427	52.014	ug/l	100
79) 2-Chlorotoluene	11.41	91	326039	52.757	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	399809	52.936	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	59190	56.345	ug/l	100
82) 4-Chlorotoluene	11.49	91	386406	52.343	ug/l	100
83) tert-Butylbenzene	11.76	119	329903	51.647	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	404992	52.244	ug/l	100
85) sec-Butylbenzene	11.93	105	459855	53.019	ug/l	100
86) p-Isopropyltoluene	12.05	119	414735	52.466	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	190414	51.147	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	195473	51.737	ug/l	100
89) n-Butylbenzene	12.37	91	395184	53.352	ug/l	100
90) Hexachloroethane	12.58	117	64893	55.270	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	188986	52.027	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32369	51.116	ug/l	100

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93) 1,2,4-Trichlorobenzene	13.63	180	121145	52.569	ug/l	100
94) Hexachlorobutadiene	13.77	225	44088	53.656	ug/l	100
95) Naphthalene	13.82	128	451554	54.323	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	112755	51.816	ug/l	100

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

