

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015834.D
 Acq On : 22 Apr 2020 11:06
 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
 4/23/2020 11:58:08 AM

Quant Time: Apr 22 12:09:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 11:43:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	972757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1472676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1361900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	734381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	537560	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.47	113	416096	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
50) Toluene-d8	8.70	98	1672895	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.12	95	676624	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	478639	60.864	ug/l	100
3) Chloromethane	1.31	50	444913	53.412	ug/l	100
4) Vinyl Chloride	1.39	62	503645	51.312	ug/l	100
5) Bromomethane	1.63	94	191941	48.526	ug/l	100
6) Chloroethane	1.71	64	288553	51.262	ug/l	100
7) Trichlorofluoromethane	1.92	101	654070	52.838	ug/l	100
8) Diethyl Ether	2.17	74	245287	49.055	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	410597	48.967	ug/l	100
10) Methyl Iodide	2.49	142	525605	54.642	ug/l	100
11) Tert butyl alcohol	3.02	59	582581	265.972	ug/l	100
12) 1,1-Dichloroethene	2.36	96	438282	51.507	ug/l	100
13) Acrolein	2.28	56	329238	245.142	ug/l	100
14) Allyl chloride	2.71	41	941272	51.656	ug/l	100
15) Acrylonitrile	3.12	53	1374625	265.382	ug/l	100
16) Acetone	2.42	43	1140035	228.163	ug/l	100
17) Carbon Disulfide	2.56	76	1246964	36.165	ug/l	100
18) Methyl Acetate	2.75	43	797343	50.292	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1555986	52.004	ug/l	100
20) Methylene Chloride	2.84	84	487113	49.134	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	475517	49.861	ug/l	100
22) Diisopropyl ether	3.83	45	1678219	51.167	ug/l	100
23) Vinyl Acetate	3.79	43	6985215	254.737	ug/l	100
24) 1,1-Dichloroethane	3.68	63	870424	51.485	ug/l	100
25) 2-Butanone	4.64	43	1957471	259.129	ug/l	100
26) 2,2-Dichloropropane	4.56	77	781236	51.427	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	548186	51.366	ug/l	100
28) Bromochloromethane	4.99	49	410332	44.685	ug/l	100
29) Tetrahydrofuran	5.09	42	1303183	259.750	ug/l	100
30) Chloroform	5.19	83	857037	49.765	ug/l	100
31) Cyclohexane	5.56	56	830299	50.510	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	787237	51.795	ug/l	100
36) 1,1-Dichloropropene	5.78	75	677224	52.393	ug/l	100
37) Ethyl Acetate	4.80	43	780022	50.180	ug/l	100
38) Carbon Tetrachloride	5.76	117	676240	53.855	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	826174	49.613	ug/l	100
40) Benzene	6.12	78	1986782	50.192	ug/l	100
41) Methacrylonitrile	5.01	41	451139	61.466	ug/l	100
42) 1,2-Dichloroethane	6.17	62	707160	49.698	ug/l	100
43) Isopropyl Acetate	6.42	43	1337538	51.268	ug/l	100
44) Trichloroethene	7.19	130	707396	51.131	ug/l	100
45) 1,2-Dichloropropane	7.50	63	527076	51.258	ug/l	100
46) Dibromomethane	7.64	93	373151	48.210	ug/l	100
47) Bromodichloromethane	7.88	83	690046	52.691	ug/l	100
48) Methyl methacrylate	7.75	41	666706	52.482	ug/l	100
49) 1,4-Dioxane	7.72	88	234488	950.620	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	3899807	257.853	ug/l	100
52) Toluene	8.77	92	1277692	50.300	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	851671	52.200	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	893331	51.369	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	512121	52.307	ug/l	100
56) Ethyl methacrylate	9.16	69	855128	52.104	ug/l	100
57) 1,3-Dichloropropane	9.36	76	868277	50.934	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2151664	259.744	ug/l	100
59) 2-Hexanone	9.48	43	2977038	260.968	ug/l	100
60) Dibromochloromethane	9.57	129	515560	53.834	ug/l	100
61) 1,2-Dibromoethane	9.65	107	542648	49.642	ug/l	100
64) Tetrachloroethene	9.32	164	919918	48.205	ug/l	100
65) Chlorobenzene	10.12	112	1399835	50.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	535324	53.064	ug/l	100
67) Ethyl Benzene	10.24	91	2463360	50.641	ug/l	100
68) m/p-Xylenes	10.34	106	1855311	102.048	ug/l	100
69) o-Xylene	10.68	106	896691	50.245	ug/l	100
70) Styrene	10.70	104	1610314	52.490	ug/l	100
71) Bromoform	10.84	173	350753	60.409	ug/l	100
73) Isopropylbenzene	11.01	105	2460651	52.416	ug/l	100
74) N-amyl acetate	10.88	43	1218603	50.936	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	511518	52.878	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	718181m	42.381	ug/l	
77) Bromobenzene	11.24	156	664630	52.238	ug/l	100
78) n-propylbenzene	11.34	91	2781748	51.669	ug/l	100
79) 2-Chlorotoluene	11.41	91	1650500	51.494	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2081537	52.470	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	302060	55.784	ug/l	100
82) 4-Chlorotoluene	11.49	91	1943200	50.842	ug/l	100
83) tert-Butylbenzene	11.76	119	1843323	52.248	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2121820	51.436	ug/l	100
85) sec-Butylbenzene	11.93	105	2394752	51.383	ug/l	100
86) p-Isopropyltoluene	12.05	119	2256554	52.013	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1203770	51.398	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1143113	48.977	ug/l	100
89) n-Butylbenzene	12.37	91	1980949	51.234	ug/l	100
90) Hexachloroethane	12.58	117	247020	64.591	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1127905	51.077	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	144153	51.885	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	897280	51.458	ug/l	100
94) Hexachlorobutadiene	13.77	225	395208	50.943	ug/l	100
95) Naphthalene	13.82	128	2637049	52.706	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	869505	51.566	ug/l	100

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

