

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012220\
 Data File : VX014683.D
 Acq On : 22 Jan 2020 11:27
 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
 1/24/2020 1:39:06 PM

Quant Time: Jan 22 12:03:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 11:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	427785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	650165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	589597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	299806	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	246610	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	5.49	113	203936	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	8.71	98	788256	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	277096	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	297093	61.504	ug/l	100
3) Chloromethane	1.32	50	300289	54.406	ug/l	100
4) Vinyl Chloride	1.40	62	342868	55.928	ug/l	100
5) Bromomethane	1.63	94	211296	51.278	ug/l	100
6) Chloroethane	1.72	64	191943	52.631	ug/l	100
7) Trichlorofluoromethane	1.92	101	365758	52.645	ug/l	100
8) Diethyl Ether	2.18	74	156966	49.633	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215133	50.978	ug/l	100
10) Methyl Iodide	2.50	142	311410	60.670	ug/l	100
11) Tert butyl alcohol	3.03	59	245994	248.772	ug/l	100
12) 1,1-Dichloroethene	2.37	96	214005	50.486	ug/l	100
13) Acrolein	2.28	56	216744	267.606	ug/l	100
14) Allyl chloride	2.72	41	398089	53.078	ug/l	100
15) Acrylonitrile	3.13	53	646867	265.638	ug/l	100
16) Acetone	2.43	43	684570	260.470	ug/l	100
17) Carbon Disulfide	2.56	76	597259	50.346	ug/l	100
18) Methyl Acetate	2.76	43	392579	56.383	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	713015	52.289	ug/l	100
20) Methylene Chloride	2.85	84	245337	50.648	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	231640	49.919	ug/l	100
22) Diisopropyl ether	3.84	45	800254	54.981	ug/l	100
23) Vinyl Acetate	3.80	43	2970311	265.289	ug/l	100
24) 1,1-Dichloroethane	3.69	63	424189	53.805	ug/l	100
25) 2-Butanone	4.65	43	974129	269.617	ug/l	100
26) 2,2-Dichloropropane	4.58	77	338473	51.103	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	262902	50.695	ug/l	100
28) Bromochloromethane	5.00	49	171762	51.565	ug/l	100
29) Tetrahydrofuran	5.11	42	587744	275.562	ug/l	100
30) Chloroform	5.20	83	413998	53.686	ug/l	100
31) Cyclohexane	5.57	56	404138	54.785	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	346397	52.787	ug/l	100
36) 1,1-Dichloropropene	5.79	75	318461	51.626	ug/l	100
37) Ethyl Acetate	4.82	43	350649	52.328	ug/l	100
38) Carbon Tetrachloride	5.78	117	299216	52.849	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	401793	52.052	ug/l	100
40) Benzene	6.14	78	966604	52.686	ug/l	100
41) Methacrylonitrile	5.03	41	199009	55.290	ug/l	100
42) 1,2-Dichloroethane	6.18	62	330841	51.527	ug/l	100
43) Isopropyl Acetate	6.43	43	578541	53.419	ug/l	100
44) Trichloroethene	7.21	130	267374	50.962	ug/l	100
45) 1,2-Dichloropropane	7.51	63	249190	53.241	ug/l	100
46) Dibromomethane	7.65	93	162171	49.807	ug/l	100
47) Bromodichloromethane	7.89	83	320611	53.960	ug/l	100
48) Methyl methacrylate	7.76	41	290638	55.825	ug/l	100
49) 1,4-Dioxane	7.73	88	107468	990.015	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1814166	273.952	ug/l	100
52) Toluene	8.78	92	604621	51.702	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	354232	51.596	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	395715	53.255	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	244986	52.003	ug/l	100
56) Ethyl methacrylate	9.17	69	386988	53.876	ug/l	100
57) 1,3-Dichloropropane	9.37	76	412447	52.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	652861	266.776	ug/l	100
59) 2-Hexanone	9.48	43	1432211	273.685	ug/l	100
60) Dibromochloromethane	9.58	129	257100	54.384	ug/l	100
61) 1,2-Dibromoethane	9.67	107	254613	51.097	ug/l	100
64) Tetrachloroethene	9.33	164	310147	52.147	ug/l	100
65) Chlorobenzene	10.14	112	643451	50.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	236012	51.424	ug/l	100
67) Ethyl Benzene	10.25	91	1143572	52.075	ug/l	100
68) m/p-Xylenes	10.35	106	878456	103.742	ug/l	100
69) o-Xylene	10.70	106	418019	51.781	ug/l	100
70) Styrene	10.71	104	728610	52.286	ug/l	100
71) Bromoform	10.85	173	193951	51.944	ug/l	# 100
73) Isopropylbenzene	11.01	105	1116164	52.594	ug/l	100
74) N-amyl acetate	10.89	43	495566	53.052	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	360167	52.605	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	356924m	55.403	ug/l	
77) Bromobenzene	11.25	156	287050	48.955	ug/l	100
78) n-propylbenzene	11.35	91	1282887	52.718	ug/l	100
79) 2-Chlorotoluene	11.42	91	751280	51.777	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	943363	53.451	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	126681	53.753	ug/l	100
82) 4-Chlorotoluene	11.51	91	867656	50.990	ug/l	100
83) tert-Butylbenzene	11.76	119	843861	50.843	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	937567	52.611	ug/l	100
85) sec-Butylbenzene	11.94	105	1086482	52.523	ug/l	100
86) p-Isopropyltoluene	12.06	119	1000433	52.216	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	512960	48.745	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	509829	47.390	ug/l	100
89) n-Butylbenzene	12.38	91	869835	49.858	ug/l	100
90) Hexachloroethane	12.59	117	174269	51.871	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	514804	49.825	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	78693	51.676	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	345721	44.390	ug/l	100
94) Hexachlorobutadiene	13.77	225	173160	47.248	ug/l	100
95) Naphthalene	13.83	128	1051022	47.342	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	354485	46.378	ug/l	100

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

