

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015857.D
 Acq On : 22 Apr 2020 21:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:16:20 PM

Quant Time: Apr 23 07:11:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	872093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1312956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1231327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	636459	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	492986	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
35) Dibromofluoromethane	5.47	113	376752	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	8.70	98	1516421	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.12	95	612553	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	452148	60.570	ug/l	99
3) Chloromethane	1.31	50	394605	51.614	ug/l	99
4) Vinyl Chloride	1.39	62	465552	52.609	ug/l	99
5) Bromomethane	1.62	94	174122	58.667	ug/l	94
6) Chloroethane	1.71	64	269041	53.352	ug/l	100
7) Trichlorofluoromethane	1.92	101	617295	56.223	ug/l	99
8) Diethyl Ether	2.17	74	226410	50.851	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	386126	51.843	ug/l	99
10) Methyl Iodide	2.49	142	494126	53.699	ug/l	99
11) Tert butyl alcohol	3.01	59	553319	273.030	ug/l	100
12) 1,1-Dichloroethene	2.36	96	406962	53.278	ug/l	95
13) Acrolein	2.27	56	302836	252.547	ug/l	99
14) Allyl chloride	2.71	41	863708	53.211	ug/l	99
15) Acrylonitrile	3.12	53	1308545	278.176	ug/l	99
16) Acetone	2.42	43	1070489	247.862	ug/l	100
17) Carbon Disulfide	2.55	76	1051322	37.900	ug/l	99
18) Methyl Acetate	2.75	43	746196	52.335	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1479826	54.877	ug/l	99
20) Methylene Chloride	2.84	84	460334	52.504	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	444405	52.437	ug/l	99
22) Diisopropyl ether	3.83	45	1605068	54.864	ug/l	95
23) Vinyl Acetate	3.79	43	6612914	273.111	ug/l	100
24) 1,1-Dichloroethane	3.67	63	838726	55.004	ug/l	99
25) 2-Butanone	4.64	43	1840453	269.608	ug/l	99
26) 2,2-Dichloropropane	4.55	77	646885	47.491	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	518399	53.879	ug/l	98
28) Bromochloromethane	4.98	49	371983	46.491	ug/l	99
29) Tetrahydrofuran	5.09	42	1225717	271.464	ug/l	99
30) Chloroform	5.19	83	819733	53.431	ug/l	95
31) Cyclohexane	5.55	56	783109	54.039	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	750601	54.872	ug/l	99
36) 1,1-Dichloropropene	5.78	75	634700	54.529	ug/l	100
37) Ethyl Acetate	4.80	43	744980	53.779	ug/l	99
38) Carbon Tetrachloride	5.75	117	637160	55.574	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	755336	51.244	ug/l	100
40) Benzene	6.12	78	1883474	53.726	ug/l	99
41) Methacrylonitrile	5.01	41	427608	55.551	ug/l	99
42) 1,2-Dichloroethane	6.17	62	676749	53.609	ug/l	99
43) Isopropyl Acetate	6.42	43	1254706	53.695	ug/l	99
44) Trichloroethene	7.19	130	644665	52.327	ug/l	98
45) 1,2-Dichloropropane	7.50	63	500875	54.519	ug/l	99
46) Dibromomethane	7.64	93	344584	51.380	ug/l	97
47) Bromodichloromethane	7.88	83	662560	55.533	ug/l	100
48) Methyl methacrylate	7.75	41	628649	54.693	ug/l	99
49) 1,4-Dioxane	7.72	88	222191	1022.846	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3674361	272.422	ug/l	100
52) Toluene	8.77	92	1212016	53.938	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	789914	53.360	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	847449	54.164	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	488858	55.715	ug/l	96
56) Ethyl methacrylate	9.16	69	796490	53.592	ug/l	98
57) 1,3-Dichloropropane	9.36	76	827618	54.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1950237	262.673	ug/l	99
59) 2-Hexanone	9.47	43	2784432	270.989	ug/l	99
60) Dibromochloromethane	9.57	129	527921	58.262	ug/l	96
61) 1,2-Dibromoethane	9.65	107	513419	52.944	ug/l	98
64) Tetrachloroethene	9.32	164	816003	49.165	ug/l	89
65) Chlorobenzene	10.12	112	1317019	53.488	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	510242	55.438	ug/l	98
67) Ethyl Benzene	10.24	91	2325236	53.776	ug/l	100
68) m/p-Xylenes	10.34	106	1773452	109.270	ug/l	99
69) o-Xylene	10.68	106	871066	54.540	ug/l	97
70) Styrene	10.70	104	1525373	55.159	ug/l	99
71) Bromoform	10.84	173	364490	60.774	ug/l	99
73) Isopropylbenzene	11.00	105	2313431	57.233	ug/l	100
74) N-amyl acetate	10.88	43	1156508	55.422	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	480098	56.122	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	669343m	55.305	ug/l	
77) Bromobenzene	11.24	156	633597	57.368	ug/l	99
78) n-propylbenzene	11.34	91	2606625	56.293	ug/l	98
79) 2-Chlorotoluene	11.40	91	1575207	56.633	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1931656	56.044	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	267241	53.117	ug/l	99
82) 4-Chlorotoluene	11.50	91	1862425	56.348	ug/l	100
83) tert-Butylbenzene	11.76	119	1716511	56.144	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1988006	55.557	ug/l	100
85) sec-Butylbenzene	11.93	105	2246388	55.738	ug/l	100
86) p-Isopropyltoluene	12.05	119	2109127	55.966	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1086346	53.584	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1062164	52.337	ug/l	97
89) n-Butylbenzene	12.37	91	1799787	53.416	ug/l	100
90) Hexachloroethane	12.58	117	287721	72.271	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1048446	54.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	141479	55.769	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	818143	54.001	ug/l	99
94) Hexachlorobutadiene	13.77	225	359394	52.907	ug/l	99
95) Naphthalene	13.82	128	2427303	55.686	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	819129	55.416	ug/l	96

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

