

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018852.D
 Acq On : 09 Oct 2020 12:25
 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
 10/12/2020 2:23:23 PM

Quant Time: Oct 09 13:45:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	208968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	309168	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	293112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	165718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	144073	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	5.47	113	105699	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.70	98	372939	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.12	95	151487	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	123875	60.460	ug/l	100
3) Chloromethane	1.32	50	95609	42.127	ug/l	100
4) Vinyl Chloride	1.40	62	107113	44.439	ug/l	100
5) Bromomethane	1.63	94	57867	40.491	ug/l	100
6) Chloroethane	1.71	64	68515	48.951	ug/l	100
7) Trichlorofluoromethane	1.92	101	210641	55.072	ug/l	100
8) Diethyl Ether	2.17	74	59215	45.544	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99170	49.407	ug/l	100
10) Methyl Iodide	2.50	142	104269	49.873	ug/l	100
11) Tert butyl alcohol	3.01	59	119232	234.520	ug/l	100
12) 1,1-Dichloroethene	2.36	96	94289	46.996	ug/l	100
13) Acrolein	2.28	56	94114	278.448	ug/l	100
14) Allyl chloride	2.71	41	168741	43.885	ug/l	100
15) Acrylonitrile	3.12	53	252691	212.682	ug/l	100
16) Acetone	2.42	43	298172	259.837	ug/l	100
17) Carbon Disulfide	2.55	76	273196	45.743	ug/l	100
18) Methyl Acetate	2.75	43	118835	43.448	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	324247	46.368	ug/l	100
20) Methylene Chloride	2.84	84	107341	43.501	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	107147	45.872	ug/l	100
22) Diisopropyl ether	3.82	45	304968	42.578	ug/l	100
23) Vinyl Acetate	3.79	43	1554675	240.927	ug/l	100
24) 1,1-Dichloroethane	3.67	63	194908	46.206	ug/l	100
25) 2-Butanone	4.63	43	413961	237.626	ug/l	100
26) 2,2-Dichloropropane	4.56	77	191947	48.644	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	118960	45.635	ug/l	100
28) Bromochloromethane	4.98	49	86809	44.472	ug/l	100
29) Tetrahydrofuran	5.09	42	221955	207.689	ug/l	100
30) Chloroform	5.18	83	217166	50.105	ug/l	100
31) Cyclohexane	5.56	56	142748	41.498	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	207274	50.865	ug/l	100
36) 1,1-Dichloropropene	5.77	75	153507	50.924	ug/l	100
37) Ethyl Acetate	4.79	43	159101	49.830	ug/l	100
38) Carbon Tetrachloride	5.75	117	198774	58.140	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	147684	44.748	ug/l	100
40) Benzene	6.12	78	421526	49.075	ug/l	100
41) Methacrylonitrile	5.00	41	87024	48.967	ug/l	100
42) 1,2-Dichloroethane	6.17	62	190365	55.531	ug/l	100
43) Isopropyl Acetate	6.42	43	256739	48.645	ug/l	100
44) Trichloroethene	7.19	130	123981	49.713	ug/l	100
45) 1,2-Dichloropropane	7.49	63	110033	46.877	ug/l	100
46) Dibromomethane	7.64	93	81691	50.242	ug/l	100
47) Bromodichloromethane	7.88	83	178777	53.834	ug/l	100
48) Methyl methacrylate	7.74	41	132743	51.305	ug/l	100
49) 1,4-Dioxane	7.71	88	35492	849.373	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	804524	254.870	ug/l	100
52) Toluene	8.77	92	278416	51.098	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	192432	51.427	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	192965	50.448	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	115489	51.162	ug/l	100
56) Ethyl methacrylate	9.16	69	167344	50.567	ug/l	100
57) 1,3-Dichloropropane	9.35	76	193405	50.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	451248	255.150	ug/l	100
59) 2-Hexanone	9.48	43	618071	257.472	ug/l	100
60) Dibromochloromethane	9.57	129	145369	53.561	ug/l	100
61) 1,2-Dibromoethane	9.65	107	126700	52.643	ug/l	100
64) Tetrachloroethene	9.32	164	108775	47.323	ug/l	100
65) Chlorobenzene	10.12	112	310503	51.142	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	125773	51.590	ug/l	100
67) Ethyl Benzene	10.24	91	556934	52.922	ug/l	100
68) m/p-Xylenes	10.34	106	422921	105.976	ug/l	100
69) o-Xylene	10.68	106	198985	52.825	ug/l	100
70) Styrene	10.69	104	350765	54.031	ug/l	100
71) Bromoform	10.84	173	112067	54.428	ug/l	# 100
73) Isopropylbenzene	11.00	105	567671	51.148	ug/l	100
74) N-amyl acetate	10.88	43	233100	47.512	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	172387	47.370	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	171107m	49.244	ug/l	
77) Bromobenzene	11.24	156	150226	49.097	ug/l	100
78) n-propylbenzene	11.34	91	643550	49.843	ug/l	100
79) 2-Chlorotoluene	11.40	91	391686	49.969	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	493034	51.871	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	62764	47.010	ug/l	100
82) 4-Chlorotoluene	11.49	91	470865	50.431	ug/l	100
83) tert-Butylbenzene	11.76	119	482113	52.191	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	494764	51.837	ug/l	100
85) sec-Butylbenzene	11.93	105	550098	50.727	ug/l	100
86) p-Isopropyltoluene	12.05	119	533366	53.233	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	271199	49.302	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	266166	47.923	ug/l	100
89) n-Butylbenzene	12.37	91	450993	49.167	ug/l	100
90) Hexachloroethane	12.58	117	90670	46.126	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	258513	50.067	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45483	51.120	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	165950	46.614	ug/l	100
94) Hexachlorobutadiene	13.77	225	70753	47.293	ug/l	100
95) Naphthalene	13.82	128	545080	50.739	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	167260	49.042	ug/l	100

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

