

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017350.D
 Acq On : 13 Jul 2020 11:24
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:35:49 AM

Quant Time: Jul 13 12:24:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 13 11:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	437148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	427884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179006	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.47	113	144353	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	8.70	98	531763	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.12	95	211777	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135736	48.109	ug/l	100
3) Chloromethane	1.31	50	139809	41.732	ug/l	100
4) Vinyl Chloride	1.39	62	144513	45.836	ug/l	100
5) Bromomethane	1.62	94	94159	54.487	ug/l	100
6) Chloroethane	1.71	64	88801	47.286	ug/l	100
7) Trichlorofluoromethane	1.92	101	245722	51.469	ug/l	100
8) Diethyl Ether	2.17	74	81038	47.013	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136920	48.679	ug/l	100
10) Methyl Iodide	2.49	142	179471	50.003	ug/l	100
11) Tert butyl alcohol	3.01	59	161327	237.285	ug/l	100
12) 1,1-Dichloroethene	2.36	96	133054	46.333	ug/l	100
13) Acrolein	2.28	56	90431	224.120	ug/l	100
14) Allyl chloride	2.71	41	234773	44.476	ug/l	100
15) Acrylonitrile	3.12	53	388157	236.504	ug/l	100
16) Acetone	2.42	43	321426	238.783	ug/l	100
17) Carbon Disulfide	2.55	76	395706	44.911	ug/l	100
18) Methyl Acetate	2.75	43	160027	45.935	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	472288	48.765	ug/l	100
20) Methylene Chloride	2.84	84	152220	44.541	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	154009	48.026	ug/l	100
22) Diisopropyl ether	3.82	45	456054	46.714	ug/l	100
23) Vinyl Acetate	3.79	43	2070324	245.822	ug/l	100
24) 1,1-Dichloroethane	3.67	63	259841	46.570	ug/l	100
25) 2-Butanone	4.64	43	532600	239.137	ug/l	100
26) 2,2-Dichloropropane	4.56	77	244468	48.799	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	168722	46.709	ug/l	100
28) Bromochloromethane	4.98	49	120893	44.683	ug/l	100
29) Tetrahydrofuran	5.09	42	348315	237.737	ug/l	100
30) Chloroform	5.18	83	280441	48.622	ug/l	100
31) Cyclohexane	5.55	56	221751	46.452	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	264673	49.601	ug/l	100
36) 1,1-Dichloropropene	5.77	75	206189	49.886	ug/l	100
37) Ethyl Acetate	4.79	43	212424	50.944	ug/l	100
38) Carbon Tetrachloride	5.76	117	242481	52.724	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	230127	50.283	ug/l	100
40) Benzene	6.12	78	596270	49.253	ug/l	100
41) Methacrylonitrile	5.01	41	115439	49.180	ug/l	100
42) 1,2-Dichloroethane	6.17	62	229553	51.933	ug/l	100
43) Isopropyl Acetate	6.42	43	344473	49.644	ug/l	100
44) Trichloroethene	7.19	130	180865	49.244	ug/l	100
45) 1,2-Dichloropropane	7.49	63	151667	48.806	ug/l	100
46) Dibromomethane	7.64	93	108777	50.932	ug/l	100
47) Bromodichloromethane	7.87	83	230364	52.219	ug/l	100
48) Methyl methacrylate	7.74	41	171646	52.119	ug/l	100
49) 1,4-Dioxane	7.71	88	70730	956.703	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1077084	259.782	ug/l	100
52) Toluene	8.76	92	388795	51.195	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	253853	52.199	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	268905	51.684	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	160777	51.575	ug/l	100
56) Ethyl methacrylate	9.16	69	239673	54.217	ug/l	100
57) 1,3-Dichloropropane	9.35	76	266451	50.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	625080	283.017	ug/l	100
59) 2-Hexanone	9.47	43	826633	271.476	ug/l	100
60) Dibromochloromethane	9.57	129	197824	54.207	ug/l	100
61) 1,2-Dibromoethane	9.65	107	175897	52.421	ug/l	100
64) Tetrachloroethene	9.32	164	185667	53.008	ug/l	100
65) Chlorobenzene	10.12	112	438281	49.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	176765	51.549	ug/l	100
67) Ethyl Benzene	10.23	91	759580	51.556	ug/l	100
68) m/p-Xylenes	10.34	106	587888	103.940	ug/l	100
69) o-Xylene	10.68	106	282108	52.268	ug/l	100
70) Styrene	10.70	104	492908	53.705	ug/l	100
71) Bromoform	10.84	173	155713	56.852	ug/l #	100
73) Isopropylbenzene	11.00	105	777887	51.775	ug/l	100
74) N-amyl acetate	10.88	43	321411	50.743	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	224877	47.860	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224739m	50.107	ug/l	
77) Bromobenzene	11.24	156	214528	51.527	ug/l	100
78) n-propylbenzene	11.34	91	884521	52.025	ug/l	100
79) 2-Chlorotoluene	11.40	91	530486	51.561	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	658162	52.752	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	87807	50.857	ug/l	100
82) 4-Chlorotoluene	11.49	91	633558	51.430	ug/l	100
83) tert-Butylbenzene	11.76	119	647976	52.852	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	683774	53.897	ug/l	100
85) sec-Butylbenzene	11.93	105	758425	52.669	ug/l	100
86) p-Isopropyltoluene	12.05	119	716529	53.523	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	379013	50.066	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	377854	48.923	ug/l	100
89) n-Butylbenzene	12.37	91	600913	50.448	ug/l	100
90) Hexachloroethane	12.58	117	131986	50.119	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	353133	50.180	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56356	49.664	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	247783	51.375	ug/l	100
94) Hexachlorobutadiene	13.76	225	101868	51.646	ug/l	100
95) Naphthalene	13.82	128	765950	52.802	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	240620	51.664	ug/l	100

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

