

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
 Data File : VX018981.D
 Acq On : 20 Oct 2020 17:43
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 20 18:31:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	167038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	300501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	298579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185486	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	105310	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
35) Dibromofluoromethane	5.46	113	87739	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
50) Toluene-d8	8.70	98	368625	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.12	95	149923	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	76326	52.938	ug/l	100
3) Chloromethane	1.31	50	84503	52.944	ug/l	100
4) Vinyl Chloride	1.39	62	116791	53.119	ug/l	100
5) Bromomethane	1.62	94	99425	54.837	ug/l	100
6) Chloroethane	1.70	64	85035	51.258	ug/l	100
7) Trichlorofluoromethane	1.91	101	203792	54.388	ug/l	100
8) Diethyl Ether	2.17	74	78601	53.161	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	88025	43.924	ug/l	100
10) Methyl Iodide	2.49	142	100545	53.475	ug/l	100
11) Tert butyl alcohol	3.01	59	123146	255.365	ug/l	100
12) 1,1-Dichloroethene	2.35	96	99642	46.303	ug/l	100
13) Acrolein	2.27	56	67444	232.273	ug/l	100
14) Allyl chloride	2.70	41	113739	49.855	ug/l	100
15) Acrylonitrile	3.11	53	221871	257.585	ug/l	100
16) Acetone	2.42	43	187293	206.829	ug/l	100
17) Carbon Disulfide	2.54	76	234127	50.107	ug/l	100
18) Methyl Acetate	2.75	43	94341	51.595	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	280314	50.930	ug/l	100
20) Methylene Chloride	2.83	84	97547	50.343	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	98547	50.078	ug/l	100
22) Diisopropyl ether	3.82	45	234217	51.168	ug/l	100
23) Vinyl Acetate	3.78	43	1137040	259.704	ug/l	100
24) 1,1-Dichloroethane	3.67	63	166350	51.012	ug/l	100
25) 2-Butanone	4.63	43	317193	256.084	ug/l	100
26) 2,2-Dichloropropane	4.55	77	159968	50.808	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	117408	51.211	ug/l	100
28) Bromochloromethane	4.98	49	68580	49.699	ug/l	100
29) Tetrahydrofuran	5.09	42	181733	250.608	ug/l	100
30) Chloroform	5.17	83	188023	51.807	ug/l	100
31) Cyclohexane	5.54	56	133677	51.583	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	170063	52.165	ug/l	100
36) 1,1-Dichloropropene	5.77	75	145139	51.252	ug/l	100
37) Ethyl Acetate	4.79	43	124663	51.361	ug/l	100
38) Carbon Tetrachloride	5.75	117	144943	49.669	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	159509	51.547	ug/l	100
40) Benzene	6.11	78	422289	51.280	ug/l	100
41) Methacrylonitrile	5.00	41	66942	50.097	ug/l	100
42) 1,2-Dichloroethane	6.16	62	146424	51.477	ug/l	100
43) Isopropyl Acetate	6.41	43	209208	49.299	ug/l	100
44) Trichloroethene	7.18	130	115950	50.118	ug/l	100
45) 1,2-Dichloropropane	7.49	63	101241	51.113	ug/l	100
46) Dibromomethane	7.63	93	75861	51.452	ug/l	100
47) Bromodichloromethane	7.87	83	154494	52.224	ug/l	100
48) Methyl methacrylate	7.74	41	99277	50.835	ug/l	100
49) 1,4-Dioxane	7.71	88	53733	1095.967	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	653937	263.368	ug/l	100
52) Toluene	8.76	92	294825	54.790	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	181164	54.130	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	182536	51.709	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	117240	54.380	ug/l	100
56) Ethyl methacrylate	9.16	69	176738	54.640	ug/l	100
57) 1,3-Dichloropropane	9.35	76	190484	53.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	439138	268.018	ug/l	100
59) 2-Hexanone	9.47	43	512239	266.505	ug/l	100
60) Dibromochloromethane	9.57	129	130630	53.997	ug/l	100
61) 1,2-Dibromoethane	9.65	107	125411	54.286	ug/l	100
64) Tetrachloroethene	9.32	164	103312	42.678	ug/l	100
65) Chlorobenzene	10.12	112	326924	51.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	116981	51.043	ug/l	100
67) Ethyl Benzene	10.24	91	581209	52.452	ug/l	100
68) m/p-Xylenes	10.34	106	475003	109.794	ug/l	100
69) o-Xylene	10.68	106	223627	54.630	ug/l	100
70) Styrene	10.70	104	392389	56.146	ug/l	100
71) Bromoform	10.84	173	102406	55.152	ug/l	100
73) Isopropylbenzene	11.00	105	608838	46.827	ug/l	100
74) N-amyl acetate	10.88	43	190299	42.465	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	196713	47.248	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	178635m	47.417	ug/l	
77) Bromobenzene	11.24	156	146517	45.332	ug/l	100
78) n-propylbenzene	11.34	91	705477	47.144	ug/l	100
79) 2-Chlorotoluene	11.40	91	410936	46.946	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	540186	48.949	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	65948	43.524	ug/l	100
82) 4-Chlorotoluene	11.49	91	502151	47.886	ug/l	100
83) tert-Butylbenzene	11.76	119	528412	48.925	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	544522	49.108	ug/l	100
85) sec-Butylbenzene	11.93	105	632420	48.821	ug/l	100
86) p-Isopropyltoluene	12.05	119	608228	50.882	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	301680	50.220	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	309352	49.946	ug/l	100
89) n-Butylbenzene	12.37	91	540735	49.561	ug/l	100
90) Hexachloroethane	12.58	117	95416	49.913	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	292844	50.426	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46433	48.519	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	197653	49.651	ug/l	100
94) Hexachlorobutadiene	13.76	225	81636	48.144	ug/l	100
95) Naphthalene	13.82	128	675642	50.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	188484	49.532	ug/l	100

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

