

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060731.D
 Acq On : 27 Mar 2020 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 30 00:27:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	331639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	305998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151179	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	136534	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
35) Dibromofluoromethane	7.56	113	102610	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
50) Toluene-d8	10.08	98	411189	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	152713	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	101338	50.916	ug/l	100
3) Chloromethane	2.04	50	171176	46.049	ug/l	99
4) Vinyl Chloride	2.17	62	134711	46.333	ug/l	98
5) Bromomethane	2.54	94	64695	51.546	ug/l	100
6) Chloroethane	2.68	64	84071	50.197	ug/l	97
7) Trichlorofluoromethane	3.00	101	181137	50.575	ug/l	100
8) Diethyl Ether	3.38	74	75222	52.282	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	111154	53.560	ug/l	100
10) Methyl Iodide	3.92	142	96968	52.509	ug/l	99
11) Tert butyl alcohol	4.72	59	99323	239.169	ug/l	99
12) 1,1-Dichloroethene	3.71	96	111316	49.983	ug/l	100
13) Acrolein	3.57	56	136042	295.577	ug/l	99
14) Allyl chloride	4.29	41	200456	51.177	ug/l	98
15) Acrylonitrile	4.94	53	313151	256.433	ug/l	100
16) Acetone	3.77	43	342621	342.542	ug/l	100
17) Carbon Disulfide	4.03	76	325843	48.108	ug/l	100
18) Methyl Acetate	4.28	43	144715	51.401	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	388894	50.790	ug/l	97
20) Methylene Chloride	4.52	84	124385	50.552	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	119849	50.493	ug/l	97
22) Diisopropyl ether	5.91	45	444678	53.736	ug/l	97
23) Vinyl Acetate	5.85	43	1820694	269.657	ug/l	99
24) 1,1-Dichloroethane	5.81	63	236736	52.477	ug/l	99
25) 2-Butanone	6.79	43	461290	285.003	ug/l	99
26) 2,2-Dichloropropane	6.79	77	201545	56.783	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	137895	51.124	ug/l	98
28) Bromochloromethane	7.17	49	109268	50.625	ug/l	99
29) Tetrahydrofuran	7.18	42	280364	244.820	ug/l	99
30) Chloroform	7.34	83	222782	51.513	ug/l	98
31) Cyclohexane	7.63	56	223461	49.134	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	192979	51.762	ug/l	99
36) 1,1-Dichloropropene	7.77	75	176629	55.002	ug/l	100
37) Ethyl Acetate	6.89	43	177384	51.121	ug/l	98
38) Carbon Tetrachloride	7.75	117	156987	54.545	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	217340	56.952	ug/l	99
40) Benzene	8.02	78	519104	53.548	ug/l	100
41) Methacrylonitrile	7.14	41	89708m	60.579	ug/l	
42) 1,2-Dichloroethane	8.10	62	178058	53.746	ug/l	99
43) Isopropyl Acetate	8.14	43	305358	53.361	ug/l	100
44) Trichloroethene	8.81	130	131817	53.940	ug/l	99
45) 1,2-Dichloropropane	9.10	63	142772	55.815	ug/l	98
46) Dibromomethane	9.19	93	84182	54.436	ug/l	99
47) Bromodichloromethane	9.38	83	178002	55.392	ug/l	98
48) Methyl methacrylate	9.18	41	136508	53.578	ug/l	100
49) 1,4-Dioxane	9.17	88	33047	1091.245	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	880154	270.289	ug/l	100
52) Toluene	10.14	92	316957	54.138	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	210561	57.043	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	224380	55.409	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	121340	53.873	ug/l	98
56) Ethyl methacrylate	10.42	69	197514	56.241	ug/l	99
57) 1,3-Dichloropropane	10.70	76	214324	54.835	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	497497	285.023	ug/l	99
59) 2-Hexanone	10.74	43	664593	283.322	ug/l	100
60) Dibromochloromethane	10.89	129	131277	56.425	ug/l	100
61) 1,2-Dibromoethane	10.99	107	125288	55.319	ug/l	99
64) Tetrachloroethene	10.62	164	127583	52.984	ug/l	99
65) Chlorobenzene	11.42	112	328897	54.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	120407	54.822	ug/l	97
67) Ethyl Benzene	11.50	91	620226	54.980	ug/l	99
68) m/p-Xylenes	11.61	106	458123	109.284	ug/l	99
69) o-Xylene	11.94	106	219074	54.744	ug/l	100
70) Styrene	11.96	104	365368	55.825	ug/l	100
71) Bromoform	12.12	173	92502	50.651	ug/l #	99
73) Isopropylbenzene	12.24	105	591235	52.112	ug/l	100
74) N-amyl acetate	12.06	43	270917	51.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	173914	50.690	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	160574m	49.224	ug/l	
77) Bromobenzene	12.52	156	140020	51.217	ug/l	99
78) n-propylbenzene	12.59	91	713061	53.198	ug/l	100
79) 2-Chlorotoluene	12.67	91	410079	51.204	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	506858	52.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	68122	53.633	ug/l	99
82) 4-Chlorotoluene	12.77	91	430140	52.734	ug/l	100
83) tert-Butylbenzene	12.99	119	422720	52.964	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	507892	53.322	ug/l	100
85) sec-Butylbenzene	13.17	105	586881	54.683	ug/l	100
86) p-Isopropyltoluene	13.28	119	532699	55.196	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	257773	53.461	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	259592	53.587	ug/l	100
89) n-Butylbenzene	13.61	91	505917	58.062	ug/l	99
90) Hexachloroethane	13.87	117	79965	57.002	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	247351	53.650	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	35462	49.344	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	163024	57.580	ug/l	99
94) Hexachlorobutadiene	15.01	225	80437	57.954	ug/l	100
95) Naphthalene	15.13	128	447452	52.543	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	152220	54.584	ug/l	100

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

