

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062540.D
 Acq On : 15 Jul 2020 16:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 16 03:22:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	208873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	353523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	328032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156633	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	156566	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
35) Dibromofluoromethane	7.55	113	112454	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
50) Toluene-d8	10.06	98	448952	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.37	95	167392	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	95160	44.727	ug/l	95
3) Chloromethane	2.04	50	143388	42.002	ug/l	97
4) Vinyl Chloride	2.16	62	126323	45.166	ug/l	100
5) Bromomethane	2.51	94	56685m	37.737	ug/l	
6) Chloroethane	2.66	64	62256	38.218	ug/l	99
7) Trichlorofluoromethane	2.98	101	149883	42.195	ug/l	99
8) Diethyl Ether	3.37	74	77616	48.865	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	102376	48.618	ug/l	98
10) Methyl Iodide	3.91	142	131100	47.152	ug/l	98
11) Tert butyl alcohol	4.74	59	138684	260.226	ug/l	98
12) 1,1-Dichloroethene	3.69	96	101278	47.241	ug/l	95
13) Acrolein	3.56	56	110630	287.763	ug/l	100
14) Allyl chloride	4.27	41	230280	45.671	ug/l	97
15) Acrylonitrile	4.93	53	349825	250.284	ug/l	100
16) Acetone	3.77	43	275628	202.075	ug/l	96
17) Carbon Disulfide	4.00	76	288383	42.928	ug/l	99
18) Methyl Acetate	4.28	43	167494	49.206	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	409780	50.415	ug/l	98
20) Methylene Chloride	4.50	84	138951	47.646	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	111685	48.087	ug/l	98
22) Diisopropyl ether	5.90	45	483789	48.565	ug/l	98
23) Vinyl Acetate	5.84	43	1996971	241.997	ug/l	99
24) 1,1-Dichloroethane	5.80	63	247908	48.160	ug/l	99
25) 2-Butanone	6.79	43	465521	233.694	ug/l	97
26) 2,2-Dichloropropane	6.77	77	193054	48.913	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	133022	49.447	ug/l	99
28) Bromochloromethane	7.15	49	132426	47.352	ug/l	94
29) Tetrahydrofuran	7.17	42	318491	237.479	ug/l	98
30) Chloroform	7.33	83	233062	50.145	ug/l	98
31) Cyclohexane	7.62	56	212602	43.567	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	194151	50.219	ug/l	99
36) 1,1-Dichloropropene	7.75	75	173162	48.618	ug/l	98
37) Ethyl Acetate	6.88	43	192792	46.292	ug/l	99
38) Carbon Tetrachloride	7.73	117	164862	51.486	ug/l	98

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39) Methylcyclohexane	9.05	83	190335	50.056	ug/l	98
40) Benzene	8.00	78	528574	50.354	ug/l	99
41) Methacrylonitrile	7.12	41	98408	56.555	ug/l	93
42) 1,2-Dichloroethane	8.09	62	196388	51.094	ug/l	100
43) Isopropyl Acetate	8.13	43	324104	49.262	ug/l	93
44) Trichloroethene	8.80	130	118855	51.032	ug/l	99
45) 1,2-Dichloropropane	9.09	63	154748	50.783	ug/l	99
46) Dibromomethane	9.18	93	89132	51.832	ug/l	98
47) Bromodichloromethane	9.37	83	193876	52.733	ug/l	99
48) Methyl methacrylate	9.17	41	157597	48.833	ug/l	97
49) 1,4-Dioxane	9.17	88	47337	1007.743	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1009575	256.917	ug/l	99
52) Toluene	10.12	92	316791	52.248	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	220807	53.607	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	236590	52.059	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	127798	53.591	ug/l	98
56) Ethyl methacrylate	10.40	69	219148	49.937	ug/l	96
57) 1,3-Dichloropropane	10.68	76	232235	52.712	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	379184	268.020	ug/l	97
59) 2-Hexanone	10.72	43	731807	256.526	ug/l	97
60) Dibromochloromethane	10.87	129	142370	55.061	ug/l	98
61) 1,2-Dibromoethane	10.98	107	129427	53.765	ug/l	100
64) Tetrachloroethene	10.60	164	95371	48.995	ug/l	98
65) Chlorobenzene	11.41	112	333556	52.319	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	127070	54.048	ug/l	99
67) Ethyl Benzene	11.48	91	622455	52.014	ug/l	99
68) m/p-Xylenes	11.59	106	451144	106.491	ug/l	99
69) o-Xylene	11.92	106	218703	53.022	ug/l	100
70) Styrene	11.94	104	378095	55.463	ug/l	100
71) Bromoform	12.10	173	98076	56.905	ug/l #	99
73) Isopropylbenzene	12.22	105	594170	49.021	ug/l	100
74) N-amyl acetate	12.04	43	298597	50.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	200625	49.229	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	188375m	49.015	ug/l	
77) Bromobenzene	12.50	156	139909	50.774	ug/l	94
78) n-propylbenzene	12.56	91	703102	49.661	ug/l	100
79) 2-Chlorotoluene	12.65	91	416433	48.462	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	512480	51.577	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	71176	49.570	ug/l	97
82) 4-Chlorotoluene	12.75	91	439897	50.426	ug/l	98
83) tert-Butylbenzene	12.97	119	414682	49.179	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	507262	51.361	ug/l	99
85) sec-Butylbenzene	13.15	105	565025	50.568	ug/l	100
86) p-Isopropyltoluene	13.26	119	501941	52.049	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	248933	52.367	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	249803	51.071	ug/l	99
89) n-Butylbenzene	13.59	91	438730	51.524	ug/l	100
90) Hexachloroethane	13.85	117	97153	51.213	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	240552	52.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	39197	52.704	ug/l	98

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93) 1,2,4-Trichlorobenzene	14.88	180	119209	47.526	ug/l	99
94) Hexachlorobutadiene	14.98	225	67205	55.071	ug/l	99
95) Naphthalene	15.10	128	310267	51.688	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	121134	49.014	ug/l	99

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

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