

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060420\
 Data File : VN061644.D
 Acq On : 4 Jun 2020 11:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 05 07:35:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	337953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	532618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	516224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	266932	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	213770	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
35) Dibromofluoromethane	7.54	113	162139	60.01	ug/l	0.00
Spiked Amount			Recovery	=	120.02%	
50) Toluene-d8	10.06	98	735797	58.77	ug/l	0.00
Spiked Amount			Recovery	=	117.54%	
62) 4-Bromofluorobenzene	12.37	95	271573	59.45	ug/l	0.00
Spiked Amount			Recovery	=	118.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	197226	50.533	ug/l	98
3) Chloromethane	2.03	50	206332	50.057	ug/l	98
4) Vinyl Chloride	2.16	62	286976	50.805	ug/l	99
5) Bromomethane	2.53	94	175236	54.065	ug/l	99
6) Chloroethane	2.67	64	186376	51.261	ug/l	99
7) Trichlorofluoromethane	2.98	101	384972	52.852	ug/l	99
8) Diethyl Ether	3.37	74	107610	48.314	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	172858	53.478	ug/l	99
10) Methyl Iodide	3.91	142	223463	49.802	ug/l	99
11) Tert butyl alcohol	4.73	59	132299	247.024	ug/l	100
12) 1,1-Dichloroethene	3.69	96	168418	48.770	ug/l	97
13) Acrolein	3.56	56	42622	278.175	ug/l	96
14) Allyl chloride	4.27	41	216205	47.889	ug/l	98
15) Acrylonitrile	4.93	53	361390	241.751	ug/l	99
16) Acetone	3.77	43	282254	254.463	ug/l	100
17) Carbon Disulfide	4.01	76	360071	47.393	ug/l	100
18) Methyl Acetate	4.27	43	169407	46.476	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	574546	48.818	ug/l	98
20) Methylene Chloride	4.50	84	196216	53.745	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	195067	50.089	ug/l	94
22) Diisopropyl ether	5.90	45	493788	49.625	ug/l	99
23) Vinyl Acetate	5.84	43	1821044	229.618	ug/l	98
24) 1,1-Dichloroethane	5.80	63	317209	50.273	ug/l	100
25) 2-Butanone	6.78	43	440261	230.712	ug/l	99
26) 2,2-Dichloropropane	6.77	77	300785	52.083	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	229469	52.035	ug/l	99
28) Bromochloromethane	7.15	49	132498	56.106	ug/l	96
29) Tetrahydrofuran	7.16	42	285539	226.916	ug/l	99
30) Chloroform	7.33	83	359224	51.460	ug/l	100
31) Cyclohexane	7.61	56	270868	47.733	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	325670	51.200	ug/l	100
36) 1,1-Dichloropropene	7.75	75	259693	55.077	ug/l	99
37) Ethyl Acetate	6.88	43	188917	49.746	ug/l	98
38) Carbon Tetrachloride	7.73	117	273532	60.143	ug/l	99

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39) Methylcyclohexane	9.05	83	310717	53.465	ug/l	95
40) Benzene	8.00	78	791053	54.375	ug/l	100
41) Methacrylonitrile	7.12	41	83655	48.079	ug/l	94
42) 1,2-Dichloroethane	8.08	62	258866	53.150	ug/l	100
43) Isopropyl Acetate	8.12	43	334009	48.886	ug/l	98
44) Trichloroethene	8.80	130	248858	55.661	ug/l	94
45) 1,2-Dichloropropane	9.08	63	191247	55.361	ug/l	98
46) Dibromomethane	9.17	93	144109	54.393	ug/l	98
47) Bromodichloromethane	9.37	83	290956	55.429	ug/l	100
48) Methyl methacrylate	9.17	41	143177	46.577	ug/l	94
49) 1,4-Dioxane	9.16	88	58588	1230.280	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	972534	252.590	ug/l	99
52) Toluene	10.12	92	540974	56.973	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	311117	55.020	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	335724	55.217	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	209052	55.261	ug/l	99
56) Ethyl methacrylate	10.40	69	289666	54.814	ug/l	97
57) 1,3-Dichloropropane	10.68	76	334574	55.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	630923	279.379	ug/l	99
59) 2-Hexanone	10.72	43	695007	251.346	ug/l	99
60) Dibromochloromethane	10.87	129	247074	57.449	ug/l	100
61) 1,2-Dibromoethane	10.98	107	221524	56.146	ug/l	100
64) Tetrachloroethene	10.60	164	276730	56.949	ug/l	98
65) Chlorobenzene	11.40	112	597567	55.689	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	225570	56.457	ug/l	99
67) Ethyl Benzene	11.48	91	1048818	56.551	ug/l	99
68) m/p-Xylenes	11.59	106	825066	112.197	ug/l	99
69) o-Xylene	11.92	106	394746	56.517	ug/l	99
70) Styrene	11.94	104	670810	57.995	ug/l	99
71) Bromoform	12.10	173	176203	57.232	ug/l #	100
73) Isopropylbenzene	12.22	105	1049449	53.866	ug/l	100
74) N-amyl acetate	12.04	43	296826	48.378	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	266552	48.822	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	223728m	46.093	ug/l	
77) Bromobenzene	12.50	156	272460	54.787	ug/l	96
78) n-propylbenzene	12.56	91	1178687	54.193	ug/l	100
79) 2-Chlorotoluene	12.65	91	681826	52.573	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	880480	54.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	95012	50.057	ug/l	100
82) 4-Chlorotoluene	12.75	91	720227	52.789	ug/l	99
83) tert-Butylbenzene	12.97	119	754528	52.443	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	891357	55.101	ug/l	100
85) sec-Butylbenzene	13.15	105	983991	53.075	ug/l	99
86) p-Isopropyltoluene	13.26	119	923506	54.090	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	492507	55.926	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	495392	55.220	ug/l	99
89) n-Butylbenzene	13.59	91	764821	53.482	ug/l	98
90) Hexachloroethane	13.85	117	121942	64.582	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	470016	55.849	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49484	44.442	ug/l	95

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93) 1,2,4-Trichlorobenzene	14.88	180	276640	56.206	ug/l	100
94) Hexachlorobutadiene	14.98	225	115549	55.046	ug/l	98
95) Naphthalene	15.10	128	774743	51.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	268667	55.518	ug/l	98

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

