

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN061001.D
 Acq On : 16 Apr 2020 6:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:15:12 AM

Quant Time: Apr 16 08:15:29 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	136473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	235790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	217567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103558	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	100045	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
35) Dibromofluoromethane	7.56	113	75815	53.18	ug/l	0.00
Spiked Amount			Recovery	=	106.36%	
50) Toluene-d8	10.08	98	295256	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.39	95	109644	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	51898	39.302	ug/l	98
3) Chloromethane	2.04	50	96026	38.936	ug/l	100
4) Vinyl Chloride	2.17	62	77859	40.362	ug/l	97
5) Bromomethane	2.55	94	40757	48.945	ug/l	97
6) Chloroethane	2.68	64	51306	46.172	ug/l	99
7) Trichlorofluoromethane	3.00	101	109710	46.169	ug/l	100
8) Diethyl Ether	3.38	74	47413	49.669	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	65031	47.230	ug/l	99
10) Methyl Iodide	3.92	142	49138	40.106	ug/l	99
11) Tert butyl alcohol	4.72	59	74108	268.968	ug/l	99
12) 1,1-Dichloroethene	3.71	96	66070	44.715	ug/l	95
13) Acrolein	3.57	56	81840	268.006	ug/l	99
14) Allyl chloride	4.29	41	120460	46.353	ug/l	98
15) Acrylonitrile	4.94	53	216830	267.621	ug/l	99
16) Acetone	3.78	43	174597	263.098	ug/l	99
17) Carbon Disulfide	4.03	76	171653	38.198	ug/l	99
18) Methyl Acetate	4.28	43	104075	55.717	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	253953	49.990	ug/l	98
20) Methylene Chloride	4.52	84	78545	48.114	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	71843	45.621	ug/l	92
22) Diisopropyl ether	5.91	45	290041	52.828	ug/l	99
23) Vinyl Acetate	5.85	43	1188184	265.240	ug/l	99
24) 1,1-Dichloroethane	5.82	63	152501	50.952	ug/l	99
25) 2-Butanone	6.79	43	288623	268.774	ug/l	98
26) 2,2-Dichloropropane	6.79	77	92273	39.183	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	86881	48.549	ug/l	100
28) Bromochloromethane	7.17	49	76732	53.584	ug/l	96
29) Tetrahydrofuran	7.18	42	195232	256.955	ug/l	99
30) Chloroform	7.34	83	143421	49.984	ug/l	98
31) Cyclohexane	7.63	56	132059	43.765	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	122656	49.587	ug/l	99
36) 1,1-Dichloropropene	7.77	75	106925	46.832	ug/l	99
37) Ethyl Acetate	6.89	43	121544	49.268	ug/l	99
38) Carbon Tetrachloride	7.75	117	95406	46.624	ug/l	99

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39) Methylcyclohexane	9.06	83	120232	44.313	ug/l	97
40) Benzene	8.02	78	326083	47.311	ug/l	100
41) Methacrylonitrile	7.14	41	54793m	52.042	ug/l	
42) 1,2-Dichloroethane	8.10	62	116742	49.562	ug/l	98
43) Isopropyl Acetate	8.14	43	206788	50.825	ug/l	99
44) Trichloroethene	8.81	130	80024	46.057	ug/l	99
45) 1,2-Dichloropropane	9.10	63	91760	50.454	ug/l	99
46) Dibromomethane	9.19	93	54183	49.280	ug/l	99
47) Bromodichloromethane	9.38	83	115072	50.365	ug/l	98
48) Methyl methacrylate	9.18	41	92566	51.100	ug/l	98
49) 1,4-Dioxane	9.18	88	23548	1093.665	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	615156	265.702	ug/l	99
52) Toluene	10.14	92	196859	47.293	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	127992	48.769	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	135961	47.222	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	79754	49.803	ug/l	99
56) Ethyl methacrylate	10.42	69	130947	52.443	ug/l	99
57) 1,3-Dichloropropane	10.69	76	140658	50.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	310775	250.424	ug/l	99
59) 2-Hexanone	10.74	43	443537	265.946	ug/l	100
60) Dibromochloromethane	10.89	129	84073	50.826	ug/l	100
61) 1,2-Dibromoethane	10.99	107	79986	49.672	ug/l	100
64) Tetrachloroethene	10.62	164	73144	42.723	ug/l	99
65) Chlorobenzene	11.42	112	204496	47.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	76819	49.192	ug/l	98
67) Ethyl Benzene	11.50	91	384998	48.000	ug/l	100
68) m/p-Xylenes	11.61	106	277661	93.157	ug/l	97
69) o-Xylene	11.94	106	136100	47.833	ug/l	100
70) Styrene	11.96	104	227859	48.965	ug/l	99
71) Bromoform	12.12	173	60373	46.633	ug/l #	100
73) Isopropylbenzene	12.24	105	369408	47.533	ug/l	99
74) N-amyl acetate	12.06	43	178918	49.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	120754	51.380	ug/l	99
76) 1,2,3-Trichloropropane	12.54	75	99379m	44.473	ug/l	
77) Bromobenzene	12.52	156	87430	46.687	ug/l	99
78) n-propylbenzene	12.58	91	434646	47.338	ug/l	99
79) 2-Chlorotoluene	12.67	91	256481	46.752	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	307536	46.630	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	38056	43.740	ug/l	99
82) 4-Chlorotoluene	12.77	91	266763	47.743	ug/l	98
83) tert-Butylbenzene	12.99	119	259263	47.421	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	310579	47.601	ug/l	99
85) sec-Butylbenzene	13.17	105	355459	48.350	ug/l	99
86) p-Isopropyltoluene	13.28	119	314603	47.588	ug/l	99
87) 1,3-Dichlorobenzene	13.27	146	156661	47.432	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	156795	47.251	ug/l	99
89) n-Butylbenzene	13.61	91	290734	48.710	ug/l	99
90) Hexachloroethane	13.87	117	50067	52.101	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	152818	48.388	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	24509	49.788	ug/l	96

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93) 1,2,4-Trichlorobenzene	14.90	180	96615	49.816	ug/l	100
94) Hexachlorobutadiene	15.00	225	44330	46.626	ug/l	98
95) Naphthalene	15.13	128	288173	49.401	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	94246	49.336	ug/l	99

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

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