

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051520\
 Data File : VN061410.D
 Acq On : 15 May 2020 14:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: May 16 00:32:39 2020
 Quant Title :
 QLast Update : Thu May 14 16:04:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	18493	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	110661	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	101247	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	52149	31.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.97%
60) 4-Bromofluorobenzene	12.38	95	51630	29.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.57%
63) Toluene-d8	10.06	98	141699	30.23	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.77%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	15646	18.58	ug/l	99
3) Chloromethane	2.03	50	31784	20.65	ug/l	99
4) Vinyl Chloride	2.16	62	44466	21.55	ug/l	99
5) Bromomethane	2.54	94	22626	21.58	ug/l	97
6) Chloroethane	2.67	64	30242	21.66	ug/l	97
7) Trichlorofluoromethane	2.98	101	48008	21.74	ug/l	97
8) Diethyl Ether	3.37	74	13913	19.81	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	19009	20.15	ug/l	68
10) 1,1-Dichloroethene	3.69	96	19485	19.62	ug/l	97
11) Methyl Iodide	3.91	142	21619	20.11	ug/l	98
12) Methyl Acetate	4.28	43	24883	20.63	ug/l	99
13) Acrolein	3.56	56	18464	90.90	ug/l	99
14) Acrylonitrile	4.93	53	56460	99.70	ug/l	97
15) Acetone	3.78	58	14226	104.62	ug/l	95
16) Carbon Disulfide	4.01	76	52469	18.79	ug/l	99
17) Allyl chloride	4.27	41	38841	19.43	ug/l	99
18) Methylene Chloride	4.50	84	23547	19.64	ug/l	96
19) trans-1,2-Dichloroethene	4.98	96	22714	19.21	ug/l	92
20) Diisopropyl ether	5.90	45	87928	18.89	ug/l	93
21) 1,1-Dichloroethane	5.79	63	47775	19.66	ug/l	100
22) cis-1,2-Dichloroethene	6.78	96	26792	19.33	ug/l	96
23) tert-Butyl Alcohol	4.73	59	22376	123.27	ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	76755	19.04	ug/l	95
25) Chloroform	7.33	83	45797	19.44	ug/l	98
26) Cyclohexane	7.61	56	45289	19.51	ug/l #	96
29) 1,1-Dichloropropene	7.75	75	37366	19.24	ug/l	98
30) 2-Butanone	6.78	43	82734	100.72	ug/l	98
31) 2,2-Dichloropropane	6.77	77	44102	19.44	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	41106	18.92	ug/l	99
33) Carbon Tetrachloride	7.73	117	31144	18.67	ug/l	99
34) Benzene	8.00	78	105919	19.28	ug/l	98
35) Methacrylonitrile	7.12	41	15669	19.02	ug/l	82
36) 1,2-Dichloroethane	8.08	62	40822	19.36	ug/l	100
37) Trichloroethene	8.80	130	26433	19.54	ug/l	99
38) Methylcyclohexane	9.04	83	44795	19.22	ug/l	96
39) 1,2-Dichloropropane	9.08	63	30028	19.88	ug/l	99
40) Dibromomethane	9.17	93	17944	19.24	ug/l	92
41) Bromodichloromethane	9.37	83	38783	19.16	ug/l	99

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42) Vinyl Acetate	5.84	43	365152	93.61	ug/l	100
43) Ethyl Acetate	6.88	43	36487	20.79	ug/l	97
44) Isopropyl Acetate	8.12	43	63555	18.66	ug/l	98
45) 1,4-Dioxane	9.17	88	8451	628.60	ug/l	96
46) Methyl methacrylate	9.17	41	29417	18.36	ug/l	98
47) n-amyl Acetate	12.04	43	54560	17.96	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	44691	18.71	ug/l	95
49) cis-1,3-Dichloropropene	9.81	75	47509	18.81	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	24650	19.11	ug/l	98
51) Ethyl methacrylate	10.40	69	41153	18.52	ug/l	93
52) 1,3-Dichloropropane	10.68	76	45325	19.24	ug/l	97
53) Dibromochloromethane	10.87	129	25879	18.31	ug/l	100
54) 1,2-Dibromoethane	10.98	107	25004	18.79	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	84017	85.43	ug/l	99
56) Bromoform	12.10	173	15211	17.11	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	176689	95.77	ug/l	99
59) 2-Hexanone	10.72	43	127246	97.50	ug/l	100
61) Tetrachloroethene	10.60	164	24541	19.38	ug/l	97
62) Toluene	10.12	91	112843	19.22	ug/l	98
64) Chlorobenzene	11.41	112	66982	19.28	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	23780	18.73	ug/l	98
66) Ethyl Benzene	11.48	91	128477	19.07	ug/l	99
67) m/p-Xylenes	11.60	106	94415	37.95	ug/l	100
68) o-Xylene	11.92	106	45802	19.29	ug/l	99
69) Styrene	11.94	104	75544	18.49	ug/l	98
70) Isopropylbenzene	12.22	105	121676	18.91	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.48	83	33684	18.95	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	32011m	18.88	ug/l	
73) Bromobenzene	12.50	156	24730	18.51	ug/l	89
74) n-propylbenzene	12.57	91	144488	18.89	ug/l	99
75) 2-Chlorotoluene	12.65	91	83365	19.00	ug/l	97
76) 1,3,5-Trimethylbenzene	12.71	105	101509	18.80	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	12662	17.95	ug/l	96
78) 4-Chlorotoluene	12.75	91	86039	18.73	ug/l	99
79) tert-butylbenzene	12.97	119	84803	18.91	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	102000	18.93	ug/l	99
81) sec-Butylbenzene	13.15	105	118095	19.11	ug/l	100
82) p-Isopropyltoluene	13.26	119	102983	18.51	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	45243	18.22	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	45178	18.38	ug/l	97
85) n-Butylbenzene	13.59	91	97344	18.90	ug/l	98
86) Hexachloroethane	13.85	117	13951	17.99	ug/l	83
87) 1,2-Dichlorobenzene	13.63	146	43586	18.50	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.25	75	7561	19.96	ug/l	87
89) 1,2,4-Trichlorobenzene	14.89	180	24872	18.38	ug/l	99
90) Hexachlorobutadiene	14.99	225	10880	19.73	ug/l	96
91) Naphthalene	15.11	128	76961	18.08	ug/l	99
92) 1,2,3-Trichlorobenzene	15.29	180	24085	18.32	ug/l	97

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

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