

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061350.D
 Acq On : 8 May 2020 10:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/11/2020 12:36:33 PM

Quant Time: May 11 00:58:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	103710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	174809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	163567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79858	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	89121	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
35) Dibromofluoromethane	7.54	113	48277	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
50) Toluene-d8	10.06	98	234812	55.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.44%	
62) 4-Bromofluorobenzene	12.38	95	89802	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	54349	49.419	ug/l	99
3) Chloromethane	2.03	50	70877	53.213	ug/l	99
4) Vinyl Chloride	2.16	62	79124	52.302	ug/l	99
5) Bromomethane	2.53	94	32700	43.728	ug/l	97
6) Chloroethane	2.67	64	48308	50.379	ug/l	99
7) Trichlorofluoromethane	2.98	101	101838	59.666	ug/l	100
8) Diethyl Ether	3.37	74	41069	57.687	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	60009	54.575	ug/l	99
10) Methyl Iodide	3.91	142	58793	41.605	ug/l	99
11) Tert butyl alcohol	4.72	59	59401	270.218	ug/l	100
12) 1,1-Dichloroethene	3.69	96	54925	50.195	ug/l	97
13) Acrolein	3.56	56	31698	216.379	ug/l	96
14) Allyl chloride	4.27	41	122299	60.279	ug/l	99
15) Acrylonitrile	4.92	53	186664	276.618	ug/l	99
16) Acetone	3.77	43	198846	314.743	ug/l	99
17) Carbon Disulfide	4.00	76	109154	36.112	ug/l	100
18) Methyl Acetate	4.27	43	102778	49.621	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	222421	53.196	ug/l	99
20) Methylene Chloride	4.50	84	66242	51.768	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	60738	50.976	ug/l	98
22) Diisopropyl ether	5.90	45	260826	55.438	ug/l	97
23) Vinyl Acetate	5.84	43	1044914	275.831	ug/l	100
24) 1,1-Dichloroethane	5.79	63	131355	53.436	ug/l	99
25) 2-Butanone	6.78	43	282934	291.372	ug/l	98
26) 2,2-Dichloropropane	6.77	77	116370	56.204	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	72914	52.146	ug/l	97
28) Bromochloromethane	7.15	49	65512	56.227	ug/l	96
29) Tetrahydrofuran	7.16	42	176346	269.596	ug/l	99
30) Chloroform	7.32	83	128954	51.766	ug/l	98
31) Cyclohexane	7.61	56	109015	45.665	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	110855	51.103	ug/l	99
36) 1,1-Dichloropropene	7.75	75	94786	54.166	ug/l	99
37) Ethyl Acetate	6.88	43	115073	56.092	ug/l	99
38) Carbon Tetrachloride	7.73	117	86687	54.098	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	94497	48.152	ug/l	97
40) Benzene	8.00	78	275024	52.753	ug/l	100
41) Methacrylonitrile	7.12	41	45927	53.919	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	109957	55.673	ug/l	99
43) Isopropyl Acetate	8.12	43	188650	55.409	ug/l	99
44) Trichloroethene	8.80	130	69705	49.459	ug/l	99
45) 1,2-Dichloropropane	9.08	63	76782	55.127	ug/l	97
46) Dibromomethane	9.17	93	46991	54.489	ug/l	99
47) Bromodichloromethane	9.37	83	104420	56.412	ug/l	97
48) Methyl methacrylate	9.16	41	87254	56.792	ug/l	97
49) 1,4-Dioxane	9.16	88	18081	1036.775	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	574587	286.713	ug/l	99
52) Toluene	10.12	92	170476	54.288	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	116826	56.012	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	123546	56.029	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	67534	53.918	ug/l	99
56) Ethyl methacrylate	10.40	69	111485	51.019	ug/l	98
57) 1,3-Dichloropropane	10.68	76	123134	55.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	263560	259.956	ug/l	99
59) 2-Hexanone	10.72	43	434556	298.053	ug/l	100
60) Dibromochloromethane	10.87	129	73269	55.852	ug/l	99
61) 1,2-Dibromoethane	10.98	107	68202	54.326	ug/l	99
64) Tetrachloroethene	10.60	164	67268	47.483	ug/l	99
65) Chlorobenzene	11.41	112	174224	53.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	66683	57.422	ug/l	99
67) Ethyl Benzene	11.48	91	333334	54.880	ug/l	99
68) m/p-Xylenes	11.60	106	243730	109.629	ug/l	98
69) o-Xylene	11.92	106	114691	53.706	ug/l	97
70) Styrene	11.94	104	202404	56.628	ug/l	99
71) Bromoform	12.10	173	50068	58.663	ug/l #	99
73) Isopropylbenzene	12.22	105	316891	53.978	ug/l	100
74) N-amyl acetate	12.04	43	165039	55.516	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	100117	54.692	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	92052m	54.675	ug/l	
77) Bromobenzene	12.50	156	73072	53.919	ug/l	97
78) n-propylbenzene	12.57	91	381475	54.783	ug/l	99
79) 2-Chlorotoluene	12.65	91	223664	54.647	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	267447	55.042	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	37925	57.204	ug/l	99
82) 4-Chlorotoluene	12.75	91	239590	55.541	ug/l	99
83) tert-Butylbenzene	12.97	119	217192	53.011	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	269660	53.867	ug/l	100
85) sec-Butylbenzene	13.15	105	295408	52.884	ug/l	99
86) p-Isopropyltoluene	13.26	119	270782	53.803	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	135225	54.201	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136012	53.357	ug/l	99
89) n-Butylbenzene	13.59	91	250992	54.400	ug/l	99
90) Hexachloroethane	13.85	117	36183	66.040	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	130056	54.367	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21332	55.176	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	75500	51.829	ug/l	99
94) Hexachlorobutadiene	14.98	225	33636	55.271	ug/l	99
95) Naphthalene	15.10	128	237670	50.098	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	73186	50.887	ug/l	99

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

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