

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062282.D
 Acq On : 1 Jul 2020 10:47
 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
 7/2/2020 12:38:40 PM

Quant Time: Jul 01 15:53:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	223941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	379267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183166	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	156912	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	7.54	113	121132	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.06	98	484340	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.38	95	172006	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	116501	46.025	ug/l	98
3) Chloromethane	2.03	50	151434	50.839	ug/l	99
4) Vinyl Chloride	2.16	62	177763	44.594	ug/l	100
5) Bromomethane	2.52	94	115039	44.653	ug/l	99
6) Chloroethane	2.66	64	126579	46.484	ug/l	99
7) Trichlorofluoromethane	2.98	101	221860	45.168	ug/l	100
8) Diethyl Ether	3.37	74	88277	51.469	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	128926	50.123	ug/l	97
10) Methyl Iodide	3.90	142	149046	51.452	ug/l	100
11) Tert butyl alcohol	4.73	59	110913	245.810	ug/l	99
12) 1,1-Dichloroethene	3.69	96	126282	49.111	ug/l	97
13) Acrolein	3.56	56	111677	252.797	ug/l	97
14) Allyl chloride	4.27	41	192609	55.017	ug/l	97
15) Acrylonitrile	4.92	53	331790	269.841	ug/l	100
16) Acetone	3.77	43	293799	298.628	ug/l	97
17) Carbon Disulfide	4.00	76	354228	48.097	ug/l	100
18) Methyl Acetate	4.27	43	138851	55.580	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	437479	53.243	ug/l	94
20) Methylene Chloride	4.50	84	156965	54.428	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	138795	47.381	ug/l	87
22) Diisopropyl ether	5.90	45	446853	56.058	ug/l	97
23) Vinyl Acetate	5.84	43	1841194	282.910	ug/l	98
24) 1,1-Dichloroethane	5.79	63	270499	52.698	ug/l	99
25) 2-Butanone	6.78	43	421127	274.156	ug/l	96
26) 2,2-Dichloropropane	6.77	77	222859	52.101	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	163954	49.740	ug/l	95
28) Bromochloromethane	7.15	49	114445	51.387	ug/l	91
29) Tetrahydrofuran	7.16	42	277908	276.193	ug/l	98
30) Chloroform	7.33	83	267833	51.285	ug/l	99
31) Cyclohexane	7.61	56	223027	51.367	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	219392	49.814	ug/l	97
36) 1,1-Dichloropropene	7.75	75	201737	50.046	ug/l	98
37) Ethyl Acetate	6.88	43	175521	52.584	ug/l	99
38) Carbon Tetrachloride	7.73	117	180595	47.520	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	235173	53.245	ug/l	98
40) Benzene	8.00	78	619682	50.436	ug/l	98
41) Methacrylonitrile	7.13	41	76052m	49.146	ug/l	
42) 1,2-Dichloroethane	8.08	62	216278	52.101	ug/l	99
43) Isopropyl Acetate	8.12	43	295843	54.369	ug/l	98
44) Trichloroethene	8.80	130	143649	46.349	ug/l	96
45) 1,2-Dichloropropane	9.08	63	164080	54.131	ug/l	99
46) Dibromomethane	9.17	93	103065	50.150	ug/l	96
47) Bromodichloromethane	9.37	83	216082	52.073	ug/l	99
48) Methyl methacrylate	9.17	41	138926	56.942	ug/l	97
49) 1,4-Dioxane	9.16	88	54121	1000.300	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	901924	283.698	ug/l	98
52) Toluene	10.12	92	389438	51.948	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	242030	53.015	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	262219	53.950	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	153787	52.187	ug/l	98
56) Ethyl methacrylate	10.40	69	222760	56.643	ug/l	97
57) 1,3-Dichloropropane	10.68	76	269078	53.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	434735	259.020	ug/l	96
59) 2-Hexanone	10.72	43	662534	288.602	ug/l	99
60) Dibromochloromethane	10.87	129	157510	50.486	ug/l	99
61) 1,2-Dibromoethane	10.98	107	150561	49.724	ug/l	100
64) Tetrachloroethene	10.60	164	114048	44.021	ug/l	98
65) Chlorobenzene	11.40	112	406958	48.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	141526	49.141	ug/l	99
67) Ethyl Benzene	11.48	91	739631	52.582	ug/l	99
68) m/p-Xylenes	11.59	106	564405	103.740	ug/l	98
69) o-Xylene	11.92	106	266108	51.840	ug/l	96
70) Styrene	11.94	104	458970	53.612	ug/l	98
71) Bromoform	12.10	173	100436	49.049	ug/l #	99
73) Isopropylbenzene	12.22	105	716109	50.507	ug/l	99
74) N-amyl acetate	12.04	43	267664	51.197	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	232834	49.347	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	211181m	48.977	ug/l	
77) Bromobenzene	12.50	156	160280	45.533	ug/l	89
78) n-propylbenzene	12.56	91	855721	52.763	ug/l	98
79) 2-Chlorotoluene	12.65	91	495325	50.520	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	597946	52.023	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	77868	52.739	ug/l	96
82) 4-Chlorotoluene	12.75	91	523558	51.638	ug/l	97
83) tert-Butylbenzene	12.97	119	505168	51.356	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	604438	52.654	ug/l	99
85) sec-Butylbenzene	13.15	105	710729	54.681	ug/l	98
86) p-Isopropyltoluene	13.26	119	621131	54.545	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	303989	49.180	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	302828	47.527	ug/l	99
89) n-Butylbenzene	13.59	91	540616	57.103	ug/l	99
90) Hexachloroethane	13.85	117	115868	51.861	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	296575	49.479	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	39340	52.048	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	132107	50.452	ug/l	97
94) Hexachlorobutadiene	14.98	225	58729	51.640	ug/l	99
95) Naphthalene	15.10	128	364082	42.365	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	132535	49.501	ug/l	99

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

