

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062761.D
 Acq On : 6 Aug 2020 12:37
 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
 8/7/2020 12:50:40 PM

Quant Time: Aug 07 03:16:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	172589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	254870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	128191	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
35) Dibromofluoromethane	7.55	113	90622	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	10.06	98	344927	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
62) 4-Bromofluorobenzene	12.38	95	133781	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	134216	54.308	ug/l	98
3) Chloromethane	2.03	50	138809	59.519	ug/l	100
4) Vinyl Chloride	2.16	62	128434	58.715	ug/l	97
5) Bromomethane	2.51	94	66882	46.189	ug/l	100
6) Chloroethane	2.65	64	75739	52.631	ug/l	94
7) Trichlorofluoromethane	2.97	101	192008	49.226	ug/l	99
8) Diethyl Ether	3.37	74	54711	48.997	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	83619	53.212	ug/l	96
10) Methyl Iodide	3.91	142	98425	52.062	ug/l	96
11) Tert butyl alcohol	4.74	59	107971	230.817	ug/l	99
12) 1,1-Dichloroethene	3.69	96	76651	52.202	ug/l	95
13) Acrolein	3.56	56	58697	207.246	ug/l	98
14) Allyl chloride	4.27	41	147814	48.918	ug/l	97
15) Acrylonitrile	4.93	53	275788	254.192	ug/l	99
16) Acetone	3.78	43	237959	230.740	ug/l	98
17) Carbon Disulfide	4.00	76	209057	50.099	ug/l	98
18) Methyl Acetate	4.28	43	127402	52.283	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	332004	49.651	ug/l	99
20) Methylene Chloride	4.50	84	96216	50.996	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	81719	47.315	ug/l	94
22) Diisopropyl ether	5.90	45	335779	52.200	ug/l	96
23) Vinyl Acetate	5.84	43	1190749	243.374	ug/l	100
24) 1,1-Dichloroethane	5.80	63	177157	46.996	ug/l	100
25) 2-Butanone	6.79	43	364272	249.396	ug/l	98
26) 2,2-Dichloropropane	6.77	77	139105	40.033	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	101245	48.867	ug/l	94
28) Bromochloromethane	7.15	49	88831	48.827	ug/l	99
29) Tetrahydrofuran	7.17	42	241230	254.216	ug/l	98
30) Chloroform	7.33	83	189466	47.294	ug/l	99
31) Cyclohexane	7.61	56	174027	50.292	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	167373	46.729	ug/l	99
36) 1,1-Dichloropropene	7.75	75	128124	48.840	ug/l	97
37) Ethyl Acetate	6.88	43	135099	49.300	ug/l	98
38) Carbon Tetrachloride	7.73	117	143318	46.192	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	167754	53.136	ug/l	99
40) Benzene	8.00	78	384108	49.067	ug/l	99
41) Methacrylonitrile	7.13	41	55156m	44.604	ug/l	
42) 1,2-Dichloroethane	8.09	62	156996	47.120	ug/l	100
43) Isopropyl Acetate	8.13	43	227684	49.812	ug/l #	91
44) Trichloroethene	8.80	130	93459	49.003	ug/l	99
45) 1,2-Dichloropropane	9.08	63	108245	51.090	ug/l	98
46) Dibromomethane	9.18	93	68543	49.375	ug/l	99
47) Bromodichloromethane	9.37	83	154996	49.713	ug/l	99
48) Methyl methacrylate	9.17	41	114867	51.092	ug/l	99
49) 1,4-Dioxane	9.17	88	42076	1010.025	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	765036	258.686	ug/l	100
52) Toluene	10.12	92	241016	49.866	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	166912	48.669	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	173050	50.257	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	100838	48.849	ug/l	97
56) Ethyl methacrylate	10.40	69	161819	52.080	ug/l	97
57) 1,3-Dichloropropane	10.68	76	171266	48.829	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	223359	254.316	ug/l	99
59) 2-Hexanone	10.72	43	570941	258.808	ug/l	100
60) Dibromochloromethane	10.87	129	115425	48.998	ug/l	99
61) 1,2-Dibromoethane	10.98	107	101087	49.627	ug/l	98
64) Tetrachloroethene	10.60	164	80107	48.713	ug/l	98
65) Chlorobenzene	11.41	112	258442	48.509	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	104949	49.053	ug/l	98
67) Ethyl Benzene	11.48	91	487248	51.107	ug/l	98
68) m/p-Xylenes	11.60	106	356390	102.978	ug/l	99
69) o-Xylene	11.92	106	173190	53.400	ug/l	98
70) Styrene	11.94	104	305480	53.585	ug/l	98
71) Bromoform	12.10	173	82823	47.313	ug/l #	97
73) Isopropylbenzene	12.23	105	484318	51.380	ug/l	100
74) N-amyl acetate	12.05	43	208306	54.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	158283	47.700	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	156811m	46.448	ug/l	
77) Bromobenzene	12.50	156	113436	48.433	ug/l	97
78) n-propylbenzene	12.57	91	574659	51.935	ug/l	100
79) 2-Chlorotoluene	12.65	91	345620	49.810	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	429668	52.541	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	53667	48.527	ug/l	98
82) 4-Chlorotoluene	12.75	91	366087	51.197	ug/l	100
83) tert-Butylbenzene	12.97	119	357977	51.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	422526	54.008	ug/l	99
85) sec-Butylbenzene	13.15	105	481979	53.041	ug/l	100
86) p-Isopropyltoluene	13.26	119	439391	54.475	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	207497	49.592	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	207573	49.462	ug/l	99
89) n-Butylbenzene	13.59	91	372313	54.577	ug/l	99
90) Hexachloroethane	13.85	117	81264	46.740	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	199301	50.807	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	35273	49.514	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	100213	47.730	ug/l	97
94) Hexachlorobutadiene	14.98	225	63746	51.682	ug/l	99
95) Naphthalene	15.10	128	253416	44.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	99495	48.031	ug/l	99

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

