

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062179.D
 Acq On : 27 Jun 2020 7:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:36:02 PM

Quant Time: Jun 29 00:33:35 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	7.63	168	222418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	165262	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
35) Dibromofluoromethane	7.55	113	133721	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.06	98	531202	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	182152	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	120545	47.949	ug/l	100
3) Chloromethane	2.03	50	158741	53.733	ug/l	98
4) Vinyl Chloride	2.16	62	188738	47.672	ug/l	99
5) Bromomethane	2.50	94	124764	48.759	ug/l	100
6) Chloroethane	2.65	64	132521	49.000	ug/l	98
7) Trichlorofluoromethane	2.97	101	224428	46.004	ug/l	98
8) Diethyl Ether	3.37	74	92054	54.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	126612	49.561	ug/l	99
10) Methyl Iodide	3.91	142	155265	53.966	ug/l	100
11) Tert butyl alcohol	4.74	59	123653	275.922	ug/l	99
12) 1,1-Dichloroethene	3.69	96	132133	51.738	ug/l	99
13) Acrolein	3.56	56	121085	275.970	ug/l	97
14) Allyl chloride	4.27	41	186186	53.546	ug/l	99
15) Acrylonitrile	4.93	53	336485	275.533	ug/l	99
16) Acetone	3.77	43	266783	272.672	ug/l	98
17) Carbon Disulfide	4.00	76	376708	51.496	ug/l	100
18) Methyl Acetate	4.28	43	137999	55.617	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	456000	55.877	ug/l	100
20) Methylene Chloride	4.50	84	161584	56.421	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	146037	50.195	ug/l	93
22) Diisopropyl ether	5.90	45	447524	56.527	ug/l	98
23) Vinyl Acetate	5.84	43	1842736	285.086	ug/l	98
24) 1,1-Dichloroethane	5.80	63	271477	53.251	ug/l	99
25) 2-Butanone	6.79	43	411134	269.484	ug/l	98
26) 2,2-Dichloropropane	6.78	77	138165	32.522	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	183105	55.930	ug/l	95
28) Bromochloromethane	7.15	49	117086	52.933	ug/l	94
29) Tetrahydrofuran	7.17	42	279562	279.740	ug/l	99
30) Chloroform	7.33	83	269305	51.920	ug/l	100
31) Cyclohexane	7.61	56	227664	52.794	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	225894	51.642	ug/l	98
36) 1,1-Dichloropropene	7.75	75	202094	48.170	ug/l	99
37) Ethyl Acetate	6.88	43	180541	51.968	ug/l	99
38) Carbon Tetrachloride	7.73	117	192971	48.787	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	234080	50.921	ug/l	98
40) Benzene	8.00	78	636174	49.750	ug/l	97
41) Methacrylonitrile	7.13	41	87675	54.436	ug/l	93
42) 1,2-Dichloroethane	8.09	62	217362	50.310	ug/l	99
43) Isopropyl Acetate	8.13	43	302658	53.442	ug/l	100
44) Trichloroethene	8.80	130	235493	73.005	ug/l	99
45) 1,2-Dichloropropane	9.08	63	162801	51.605	ug/l	99
46) Dibromomethane	9.18	93	107244	50.139	ug/l	97
47) Bromodichloromethane	9.37	83	219914	50.920	ug/l	98
48) Methyl methacrylate	9.17	41	137771	54.256	ug/l	98
49) 1,4-Dioxane	9.17	88	58769	1043.646	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	910917	275.300	ug/l	99
52) Toluene	10.12	92	399431	51.194	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	229435	48.287	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	250811	49.581	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	158941	51.822	ug/l	98
56) Ethyl methacrylate	10.40	69	232581	56.823	ug/l	98
57) 1,3-Dichloropropane	10.68	76	271868	51.499	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	442923	253.898	ug/l	98
59) 2-Hexanone	10.72	43	665792	278.657	ug/l	100
60) Dibromochloromethane	10.87	129	166059	51.140	ug/l	98
61) 1,2-Dibromoethane	10.98	107	158404	50.264	ug/l	99
64) Tetrachloroethene	10.60	164	122038	46.190	ug/l	96
65) Chlorobenzene	11.41	112	415279	48.892	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	150166	51.127	ug/l	99
67) Ethyl Benzene	11.48	91	757008	52.771	ug/l	99
68) m/p-Xylenes	11.60	106	579386	104.424	ug/l	98
69) o-Xylene	11.92	106	279767	53.442	ug/l	97
70) Styrene	11.94	104	476327	54.558	ug/l	99
71) Bromoform	12.10	173	106350	50.928	ug/l #	98
73) Isopropylbenzene	12.22	105	736853	52.267	ug/l	99
74) N-amyl acetate	12.05	43	271868	52.227	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	231520	49.350	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	192902m	44.994	ug/l	
77) Bromobenzene	12.50	156	170680	48.765	ug/l	95
78) n-propylbenzene	12.57	91	851559	52.807	ug/l	99
79) 2-Chlorotoluene	12.65	91	504432	51.743	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	619660	54.221	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	65160	44.385	ug/l	96
82) 4-Chlorotoluene	12.75	91	532212	52.792	ug/l	96
83) tert-Butylbenzene	12.97	119	516729	52.833	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	617273	54.080	ug/l	100
85) sec-Butylbenzene	13.15	105	709899	54.930	ug/l	99
86) p-Isopropyltoluene	13.27	119	629493	55.596	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	309811	50.408	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	307789	48.583	ug/l	100
89) n-Butylbenzene	13.59	91	523619	55.624	ug/l	99
90) Hexachloroethane	13.85	117	116893	52.619	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	301257	50.548	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	40547	53.952	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	141047	54.174	ug/l	100
94) Hexachlorobutadiene	14.99	225	58077	51.359	ug/l	100
95) Naphthalene	15.10	128	428914	49.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	143325	53.837	ug/l	99

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

