

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064428.D
 Acq On : 4 Nov 2020 11:00
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:16 PM

Quant Time: Nov 04 11:43:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	333986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	589147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256506	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	280208	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
35) Dibromofluoromethane	7.55	113	192628	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	10.06	98	750955	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.37	95	290239	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	231103	58.510	ug/l	100
3) Chloromethane	2.04	50	271781	62.011	ug/l	100
4) Vinyl Chloride	2.17	62	283239	66.301	ug/l	100
5) Bromomethane	2.53	94	182242	65.089	ug/l	100
6) Chloroethane	2.67	64	180180	69.135	ug/l	100
7) Trichlorofluoromethane	2.99	101	420290	60.102	ug/l	100
8) Diethyl Ether	3.37	74	147065	65.309	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	195915	56.482	ug/l	100
10) Methyl Iodide	3.91	142	238885	52.776	ug/l	100
11) Tert butyl alcohol	4.74	59	175790	231.525	ug/l	100
12) 1,1-Dichloroethene	3.70	96	188468	57.536	ug/l	100
13) Acrolein	3.57	56	100007	434.860	ug/l	100
14) Allyl chloride	4.27	41	373521	55.972	ug/l	100
15) Acrylonitrile	4.93	53	507951	296.325	ug/l	100
16) Acetone	3.78	43	595851	292.948	ug/l	100
17) Carbon Disulfide	4.01	76	568278	58.157	ug/l	100
18) Methyl Acetate	4.28	43	221028	54.077	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	698332	55.964	ug/l	100
20) Methylene Chloride	4.51	84	223115	57.050	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	216091	58.580	ug/l	100
22) Diisopropyl ether	5.90	45	814256	61.269	ug/l	100
23) Vinyl Acetate	5.85	43	3426869	308.218	ug/l	100
24) 1,1-Dichloroethane	5.80	63	435661	59.106	ug/l	100
25) 2-Butanone	6.79	43	795756	288.478	ug/l	100
26) 2,2-Dichloropropane	6.78	77	393372	55.330	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	250871	59.556	ug/l	100
28) Bromochloromethane	7.15	49	177160	51.724	ug/l	100
29) Tetrahydrofuran	7.17	42	479098	271.406	ug/l	100
30) Chloroform	7.33	83	459798	58.434	ug/l	100
31) Cyclohexane	7.61	56	365268	56.445	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	403730	54.341	ug/l	100
36) 1,1-Dichloropropene	7.75	75	338424	55.710	ug/l	100
37) Ethyl Acetate	6.88	43	326247	53.835	ug/l	100
38) Carbon Tetrachloride	7.73	117	356854	51.804	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	305808	51.616	ug/l	100
40) Benzene	8.00	78	970409	57.025	ug/l	100
41) Methacrylonitrile	7.12	41	133158	45.113	ug/l	100
42) 1,2-Dichloroethane	8.08	62	396829	54.769	ug/l	100
43) Isopropyl Acetate	8.13	43	555241	53.701	ug/l	100
44) Trichloroethene	8.80	130	244904	55.748	ug/l	100
45) 1,2-Dichloropropane	9.08	63	264228	57.889	ug/l	100
46) Dibromomethane	9.17	93	171895	54.861	ug/l	100
47) Bromodichloromethane	9.37	83	371214	53.354	ug/l	100
48) Methyl methacrylate	9.16	41	280123	52.450	ug/l	100
49) 1,4-Dioxane	9.17	88	73256	951.982	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1676966	277.476	ug/l	100
52) Toluene	10.12	92	613110	57.193	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	414214	55.988	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	432844	56.879	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	236319	56.130	ug/l	100
56) Ethyl methacrylate	10.40	69	359663	56.672	ug/l	100
57) 1,3-Dichloropropane	10.68	76	412209	57.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	667900	202.278	ug/l	100
59) 2-Hexanone	10.72	43	1245519	280.407	ug/l	100
60) Dibromochloromethane	10.87	129	271479	55.382	ug/l	100
61) 1,2-Dibromoethane	10.97	107	244982	57.462	ug/l	100
64) Tetrachloroethene	10.60	164	226386	49.808	ug/l	100
65) Chlorobenzene	11.41	112	643709	56.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	244319	53.310	ug/l	100
67) Ethyl Benzene	11.48	91	1206226	56.684	ug/l	100
68) m/p-Xylenes	11.60	106	881620	111.967	ug/l	100
69) o-Xylene	11.92	106	422232	55.600	ug/l	100
70) Styrene	11.94	104	729485	58.609	ug/l	100
71) Bromoform	12.10	173	174872	49.627	ug/l #	100
73) Isopropylbenzene	12.22	105	1100602	56.064	ug/l	100
74) N-amyl acetate	12.04	43	500664	58.093	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	320663	55.940	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	334098m	54.337	ug/l	
77) Bromobenzene	12.50	156	257518	54.046	ug/l	100
78) n-propylbenzene	12.56	91	1272368	57.262	ug/l	100
79) 2-Chlorotoluene	12.65	91	769891	54.405	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	918355	55.549	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	121227	56.072	ug/l	100
82) 4-Chlorotoluene	12.75	91	829519	57.181	ug/l	100
83) tert-Butylbenzene	12.97	119	705541	52.499	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	939732	56.808	ug/l	100
85) sec-Butylbenzene	13.14	105	924059	52.953	ug/l	100
86) p-Isopropyltoluene	13.26	119	838293	53.477	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	461811	55.145	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	460722	54.011	ug/l	100
89) n-Butylbenzene	13.59	91	727712	52.633	ug/l	100
90) Hexachloroethane	13.85	117	156269	53.403	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	449967	54.022	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	69263	50.431	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	204034	50.961	ug/l	100
94) Hexachlorobutadiene	14.98	225	88853	36.758	ug/l	100
95) Naphthalene	15.10	128	674795	53.801	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	193054	49.928	ug/l	100

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

