

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064217.D
 Acq On : 21 Oct 2020 13:19
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 3:25:02 PM

Quant Time: Oct 21 18:12:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	288750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208179	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	202956	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.66%		
35) Dibromofluoromethane	7.55	113	145622	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.34%		
50) Toluene-d8	10.06	98	540253	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.48%		
62) 4-Bromofluorobenzene	12.38	95	216047	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.18%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	172844	49.014	ug/l	98
3) Chloromethane	2.04	50	176112	52.771	ug/l	100
4) Vinyl Chloride	2.16	62	170290	51.468	ug/l	97
5) Bromomethane	2.53	94	112823	52.313	ug/l	100
6) Chloroethane	2.67	64	100843	50.066	ug/l	99
7) Trichlorofluoromethane	2.98	101	278625	51.207	ug/l	99
8) Diethyl Ether	3.37	74	92573	51.433	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	142073	50.494	ug/l	98
10) Methyl Iodide	3.91	142	195927	48.968	ug/l	100
11) Tert butyl alcohol	4.73	59	148805	259.236	ug/l	99
12) 1,1-Dichloroethene	3.70	96	138497	51.177	ug/l	93
13) Acrolein	3.57	56	88375	245.264	ug/l	100
14) Allyl chloride	4.28	41	279134	51.535	ug/l	99
15) Acrylonitrile	4.93	53	312176	263.005	ug/l	99
16) Acetone	3.77	43	324074	264.131	ug/l	97
17) Carbon Disulfide	4.01	76	400784	51.918	ug/l	99
18) Methyl Acetate	4.28	43	157997	50.535	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	477230	51.293	ug/l	99
20) Methylene Chloride	4.50	84	158764	48.527	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	150931	50.577	ug/l	99
22) Diisopropyl ether	5.90	45	493708	49.033	ug/l	97
23) Vinyl Acetate	5.84	43	2319055	258.261	ug/l	100
24) 1,1-Dichloroethane	5.80	63	298917	51.246	ug/l	99
25) 2-Butanone	6.78	43	503498	258.292	ug/l	99
26) 2,2-Dichloropropane	6.78	77	293875	50.607	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	178357	51.322	ug/l	97
28) Bromochloromethane	7.15	49	137840	49.743	ug/l	100
29) Tetrahydrofuran	7.17	42	302798	259.681	ug/l	98
30) Chloroform	7.33	83	312941	50.297	ug/l	98
31) Cyclohexane	7.62	56	233263	45.888	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	301269	51.688	ug/l	98
36) 1,1-Dichloropropene	7.75	75	233750	50.492	ug/l	98
37) Ethyl Acetate	6.88	43	220974	52.572	ug/l	99
38) Carbon Tetrachloride	7.73	117	271172	51.483	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	216120	51.341	ug/l	99
40) Benzene	8.00	78	644618	50.442	ug/l	99
41) Methacrylonitrile	7.12	41	109781	49.790	ug/l	94
42) 1,2-Dichloroethane	8.09	62	270000	49.320	ug/l	99
43) Isopropyl Acetate	8.13	43	398605	50.885	ug/l #	91
44) Trichloroethene	8.80	130	179374	51.509	ug/l	94
45) 1,2-Dichloropropane	9.09	63	173364	50.816	ug/l	99
46) Dibromomethane	9.17	93	119269	52.064	ug/l	97
47) Bromodichloromethane	9.37	83	257248	50.829	ug/l	98
48) Methyl methacrylate	9.16	41	195647	47.811	ug/l	96
49) 1,4-Dioxane	9.17	88	47660	995.425	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1097066	262.042	ug/l	99
52) Toluene	10.13	92	412077	50.395	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	292337	51.997	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	305097	51.540	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	162311	52.557	ug/l	99
56) Ethyl methacrylate	10.40	69	253423	53.070	ug/l	98
57) 1,3-Dichloropropane	10.68	76	283317	52.815	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	666170	270.918	ug/l	100
59) 2-Hexanone	10.72	43	811590	265.442	ug/l	100
60) Dibromochloromethane	10.87	129	204161	51.067	ug/l	99
61) 1,2-Dibromoethane	10.98	107	171377	52.588	ug/l	98
64) Tetrachloroethene	10.60	164	170602	49.749	ug/l	97
65) Chlorobenzene	11.41	112	444233	50.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	175887	50.255	ug/l	99
67) Ethyl Benzene	11.48	91	824310	50.871	ug/l	99
68) m/p-Xylenes	11.59	106	611076	101.784	ug/l	98
69) o-Xylene	11.92	106	294608	50.738	ug/l	98
70) Styrene	11.94	104	508784	52.276	ug/l	99
71) Bromoform	12.10	173	139413	51.565	ug/l #	100
73) Isopropylbenzene	12.22	105	798951	50.319	ug/l	100
74) N-amyl acetate	12.04	43	359135	52.346	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	213923	50.771	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	213134m	48.564	ug/l	
77) Bromobenzene	12.50	156	189836	50.645	ug/l	98
78) n-propylbenzene	12.57	91	908947	50.773	ug/l	99
79) 2-Chlorotoluene	12.65	91	555675	50.535	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	677845	50.498	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	89835	51.679	ug/l	99
82) 4-Chlorotoluene	12.75	91	589753	51.418	ug/l	100
83) tert-Butylbenzene	12.97	119	553557	50.299	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	672933	50.369	ug/l	99
85) sec-Butylbenzene	13.14	105	712720	51.370	ug/l	99
86) p-Isopropyltoluene	13.26	119	660901	52.310	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	343972	51.572	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	342835	50.220	ug/l	99
89) n-Butylbenzene	13.59	91	580215	51.231	ug/l	99
90) Hexachloroethane	13.85	117	116421	50.879	ug/l	97
91) 1,2-Dichlorobenzene	13.62	146	333446	50.961	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52315	49.769	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	196379	53.512	ug/l	97
94) Hexachlorobutadiene	14.98	225	100024	50.534	ug/l	99
95) Naphthalene	15.10	128	603951	54.954	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	190209	52.331	ug/l	97

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

