

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064133.D
 Acq On : 14 Oct 2020 23:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:38 PM

Quant Time: Oct 15 07:48:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	349943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	593887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	571907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	274752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	242179	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	7.55	113	189478	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
50) Toluene-d8	10.06	98	708088	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
62) 4-Bromofluorobenzene	12.38	95	247787	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	155847	47.268	ug/l	98
3) Chloromethane	2.04	50	199879	48.672	ug/l	99
4) Vinyl Chloride	2.16	62	244297	47.792	ug/l	97
5) Bromomethane	2.52	94	201085	52.420	ug/l	98
6) Chloroethane	2.67	64	196736	48.410	ug/l	97
7) Trichlorofluoromethane	2.98	101	343322	48.832	ug/l	96
8) Diethyl Ether	3.37	74	112466	51.130	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	159397	46.184	ug/l	99
10) Methyl Iodide	3.91	142	233333	47.954	ug/l	100
11) Tert butyl alcohol	4.73	59	167557	303.636	ug/l	99
12) 1,1-Dichloroethene	3.69	96	162747	46.694	ug/l	96
13) Acrolein	3.57	56	91530	201.936	ug/l	97
14) Allyl chloride	4.28	41	267457	49.181	ug/l	99
15) Acrylonitrile	4.93	53	437500	276.119	ug/l	99
16) Acetone	3.77	43	407071	275.362	ug/l	97
17) Carbon Disulfide	4.01	76	465151	46.693	ug/l	99
18) Methyl Acetate	4.27	43	199791	53.876	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	544186	52.934	ug/l	98
20) Methylene Chloride	4.50	84	212592	46.475	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	192029	48.596	ug/l	99
22) Diisopropyl ether	5.90	45	564341	53.419	ug/l	94
23) Vinyl Acetate	5.84	43	2656245	281.480	ug/l	99
24) 1,1-Dichloroethane	5.80	63	365331	49.520	ug/l	99
25) 2-Butanone	6.78	43	637148	280.212	ug/l	98
26) 2,2-Dichloropropane	6.78	77	280978	45.777	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	229634	49.399	ug/l	100
28) Bromochloromethane	7.15	49	172977	49.226	ug/l #	98
29) Tetrahydrofuran	7.16	42	386378	290.751	ug/l	98
30) Chloroform	7.33	83	396629	50.465	ug/l	100
31) Cyclohexane	7.61	56	238791	43.341	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	337380	49.677	ug/l	99
36) 1,1-Dichloropropene	7.75	75	267558	46.741	ug/l	99
37) Ethyl Acetate	6.88	43	280731	55.261	ug/l	100
38) Carbon Tetrachloride	7.73	117	289430	47.021	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	221703	46.069	ug/l	99
40) Benzene	8.00	78	852929	49.203	ug/l	98
41) Methacrylonitrile	7.13	41	115771	52.637	ug/l	96
42) 1,2-Dichloroethane	8.08	62	317278	51.440	ug/l	100
43) Isopropyl Acetate	8.13	43	452802	53.712	ug/l	99
44) Trichloroethene	8.80	130	217903	47.804	ug/l	96
45) 1,2-Dichloropropane	9.08	63	225842	49.726	ug/l	100
46) Dibromomethane	9.17	93	161771	50.205	ug/l	99
47) Bromodichloromethane	9.37	83	323484	51.312	ug/l	99
48) Methyl methacrylate	9.17	41	218835	56.198	ug/l	99
49) 1,4-Dioxane	9.17	88	73174	1237.513	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1435977	287.865	ug/l	100
52) Toluene	10.13	92	531115	49.864	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	336315	51.994	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	355288	49.989	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	228561	51.798	ug/l	98
56) Ethyl methacrylate	10.40	69	314382	49.210	ug/l	99
57) 1,3-Dichloropropane	10.68	76	372991	51.328	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	834213	256.237	ug/l	100
59) 2-Hexanone	10.72	43	1054242	272.777	ug/l	100
60) Dibromochloromethane	10.87	129	254883	51.422	ug/l	99
61) 1,2-Dibromoethane	10.98	107	240809	53.617	ug/l	100
64) Tetrachloroethene	10.60	164	191645	44.446	ug/l	97
65) Chlorobenzene	11.41	112	579420	48.111	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	227203	49.690	ug/l	99
67) Ethyl Benzene	11.48	91	991411	49.141	ug/l	100
68) m/p-Xylenes	11.59	106	767107	92.405	ug/l	100
69) o-Xylene	11.92	106	372273	46.880	ug/l	97
70) Styrene	11.94	104	635142	46.434	ug/l	99
71) Bromoform	12.10	173	182081	48.154	ug/l #	97
73) Isopropylbenzene	12.22	105	941483	47.307	ug/l	100
74) N-amyl acetate	12.05	43	395297	53.039	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	331566	48.390	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	294058m	45.620	ug/l	
77) Bromobenzene	12.50	156	258208	47.790	ug/l	99
78) n-propylbenzene	12.57	91	1081312	48.679	ug/l	100
79) 2-Chlorotoluene	12.65	91	663625	46.974	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	789308	49.411	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	109372	51.840	ug/l	99
82) 4-Chlorotoluene	12.75	91	681051	47.832	ug/l	99
83) tert-Butylbenzene	12.97	119	637755	48.274	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	791526	47.548	ug/l	100
85) sec-Butylbenzene	13.15	105	818181	48.176	ug/l	98
86) p-Isopropyltoluene	13.26	119	753922	46.974	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	437232	48.570	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	432956	47.022	ug/l	99
89) n-Butylbenzene	13.59	91	597522	48.283	ug/l	99
90) Hexachloroethane	13.85	117	128710	45.538	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	437086	48.783	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	65801	49.895	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	193753	44.417	ug/l	98
94) Hexachlorobutadiene	14.98	225	96317	45.125	ug/l	98
95) Naphthalene	15.10	128	604657	45.345	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	197288	45.272	ug/l	98

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

