

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064110.D
 Acq On : 13 Oct 2020 18:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:09:22 PM

Quant Time: Oct 14 04:08:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	261436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	201188	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	7.55	113	147326	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	10.06	98	546078	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.38	95	201959	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	106704	38.681	ug/l	100
3) Chloromethane	2.04	50	140521	43.413	ug/l	98
4) Vinyl Chloride	2.16	62	139190	42.839	ug/l	98
5) Bromomethane	2.52	94	86044	42.102	ug/l	92
6) Chloroethane	2.66	64	91455	47.105	ug/l	99
7) Trichlorofluoromethane	2.98	101	226178	43.892	ug/l	97
8) Diethyl Ether	3.37	74	90311	51.821	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	129037	46.851	ug/l	98
10) Methyl Iodide	3.91	142	163463	51.115	ug/l	99
11) Tert butyl alcohol	4.73	59	141288	296.299	ug/l	99
12) 1,1-Dichloroethene	3.69	96	119200	45.278	ug/l	97
13) Acrolein	3.56	56	104421	356.800	ug/l	100
14) Allyl chloride	4.28	41	243702	49.828	ug/l	95
15) Acrylonitrile	4.93	53	409669	300.138	ug/l	100
16) Acetone	3.77	43	376675	283.308	ug/l	97
17) Carbon Disulfide	4.01	76	309012	43.520	ug/l	98
18) Methyl Acetate	4.28	43	223799	64.831	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	500774	52.357	ug/l	100
20) Methylene Chloride	4.50	84	156596	51.419	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	137221	46.535	ug/l	91
22) Diisopropyl ether	5.90	45	569717	56.617	ug/l	96
23) Vinyl Acetate	5.84	43	2338697	280.570	ug/l	99
24) 1,1-Dichloroethane	5.80	63	291589	50.680	ug/l	98
25) 2-Butanone	6.78	43	585143	310.423	ug/l	98
26) 2,2-Dichloropropane	6.77	77	238771	45.317	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	164598	48.534	ug/l	97
28) Bromochloromethane	7.15	49	152696	53.696	ug/l	97
29) Tetrahydrofuran	7.16	42	396058	313.275	ug/l	96
30) Chloroform	7.33	83	300048	50.015	ug/l	94
31) Cyclohexane	7.61	56	228860	45.642	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	263369	48.672	ug/l	98
36) 1,1-Dichloropropene	7.75	75	207555	47.699	ug/l	99
37) Ethyl Acetate	6.88	43	246484	57.015	ug/l	99
38) Carbon Tetrachloride	7.73	117	223756	45.858	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	190021	43.791	ug/l	98
40) Benzene	8.00	78	630236	50.709	ug/l	98
41) Methacrylonitrile	7.13	41	100056m	52.075	ug/l	
42) 1,2-Dichloroethane	8.08	62	248894	46.914	ug/l	99
43) Isopropyl Acetate	8.13	43	409392	57.412	ug/l #	91
44) Trichloroethene	8.80	130	151809	46.618	ug/l	99
45) 1,2-Dichloropropane	9.08	63	179293	53.416	ug/l	98
46) Dibromomethane	9.17	93	112963	48.785	ug/l	98
47) Bromodichloromethane	9.37	83	245170	51.375	ug/l	98
48) Methyl methacrylate	9.17	41	208064	59.058	ug/l	89
49) 1,4-Dioxane	9.17	88	51718	1032.903	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1281063	306.132	ug/l	99
52) Toluene	10.13	92	388413	50.525	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	265436	51.889	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	273334	51.092	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	161847	52.498	ug/l	98
56) Ethyl methacrylate	10.40	69	248428	56.849	ug/l	94
57) 1,3-Dichloropropane	10.68	76	276050	52.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	668550	286.007	ug/l	99
59) 2-Hexanone	10.72	43	936456	301.243	ug/l	100
60) Dibromochloromethane	10.87	129	183563	51.127	ug/l	98
61) 1,2-Dibromoethane	10.98	107	164292	52.096	ug/l	99
64) Tetrachloroethene	10.60	164	136676	43.654	ug/l	99
65) Chlorobenzene	11.41	112	409412	49.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	163306	51.314	ug/l	99
67) Ethyl Benzene	11.48	91	755485	50.015	ug/l	100
68) m/p-Xylenes	11.59	106	545730	96.938	ug/l	98
69) o-Xylene	11.92	106	264680	50.301	ug/l	99
70) Styrene	11.94	104	468153	52.413	ug/l	98
71) Bromoform	12.10	173	127074	52.208	ug/l #	97
73) Isopropylbenzene	12.22	105	713138	51.329	ug/l	99
74) N-amyl acetate	12.05	43	354838	54.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	237888	55.993	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	220420m	52.494	ug/l	
77) Bromobenzene	12.50	156	179058	52.523	ug/l	99
78) n-propylbenzene	12.57	91	815545	50.438	ug/l	100
79) 2-Chlorotoluene	12.65	91	509591	51.244	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	597808	51.288	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	82643	56.687	ug/l	96
82) 4-Chlorotoluene	12.75	91	526593	51.010	ug/l	100
83) tert-Butylbenzene	12.97	119	481134	50.463	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	598952	51.468	ug/l	97
85) sec-Butylbenzene	13.15	105	628942	50.224	ug/l	100
86) p-Isopropyltoluene	13.26	119	567968	51.268	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	307296	49.824	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	305646	47.596	ug/l	98
89) n-Butylbenzene	13.59	91	455907	44.588	ug/l	99
90) Hexachloroethane	13.85	117	108831	50.696	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	310311	50.797	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52001	52.191	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	134811	40.911	ug/l	99
94) Hexachlorobutadiene	14.98	225	81401	49.147	ug/l	98
95) Naphthalene	15.10	128	418281	41.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	138424	43.186	ug/l	99

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

