

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059776.D
 Acq On : 20 Jan 2020 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 11:00:54 AM

Quant Time: Jan 21 01:24:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	298330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137026	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	106228	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
35) Dibromofluoromethane	7.56	113	91376	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
50) Toluene-d8	10.08	98	347813	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	127223	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	117832	50.443	ug/l	99
3) Chloromethane	2.03	50	109654	48.337	ug/l	99
4) Vinyl Chloride	2.17	62	137050	52.801	ug/l	98
5) Bromomethane	2.53	94	82612	52.153	ug/l	100
6) Chloroethane	2.68	64	62749	51.099	ug/l	97
7) Trichlorofluoromethane	3.00	101	159809	51.267	ug/l	98
8) Diethyl Ether	3.38	74	55856	51.059	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.73	101	93655	53.983	ug/l	92
10) Methyl Iodide	3.93	142	141798	50.565	ug/l	95
11) Tert butyl alcohol	4.73	59	86425	233.304	ug/l #	84
12) 1,1-Dichloroethene	3.71	96	89825	49.549	ug/l	88
13) Acrolein	3.58	56	70078	267.242	ug/l	97
14) Allyl chloride	4.29	41	122504	50.135	ug/l #	85
15) Acrylonitrile	4.94	53	206564	244.454	ug/l	100
16) Acetone	3.78	43	228182	306.285	ug/l	96
17) Carbon Disulfide	4.03	76	248316	48.084	ug/l	99
18) Methyl Acetate	4.28	43	122988	47.849	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	298596	50.518	ug/l	95
20) Methylene Chloride	4.52	84	99764	50.114	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	96701	50.181	ug/l	90
22) Diisopropyl ether	5.91	45	273922	49.467	ug/l	96
23) Vinyl Acetate	5.86	43	1063071	247.957	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	169777	50.178	ug/l	96
25) 2-Butanone	6.80	43	307636	246.875	ug/l	90
26) 2,2-Dichloropropane	6.79	77	163963	50.406	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	112062	50.560	ug/l	88
28) Bromochloromethane	7.17	49	60935	45.059	ug/l #	74
29) Tetrahydrofuran	7.18	42	175254	227.308	ug/l #	87
30) Chloroform	7.35	83	177326	50.582	ug/l	99
31) Cyclohexane	7.63	56	150478	46.219	ug/l	91
32) 1,1,1-Trichloroethane	7.54	97	165834	51.161	ug/l	95
36) 1,1-Dichloropropene	7.77	75	133800	51.502	ug/l	95
37) Ethyl Acetate	6.89	43	112985	46.369	ug/l	96
38) Carbon Tetrachloride	7.75	117	148874	52.679	ug/l	99

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39) Methylcyclohexane	9.06	83	165822	51.765	ug/l	91
40) Benzene	8.02	78	398245	51.399	ug/l	100
41) Methacrylonitrile	7.15	41	54408m	45.333	ug/l	
42) 1,2-Dichloroethane	8.10	62	136793	52.072	ug/l	96
43) Isopropyl Acetate	8.14	43	200229	47.774	ug/l #	94
44) Trichloroethene	8.82	130	115727	54.713	ug/l	93
45) 1,2-Dichloropropane	9.10	63	99685	51.993	ug/l	99
46) Dibromomethane	9.19	93	70594	52.197	ug/l	91
47) Bromodichloromethane	9.39	83	144502	53.020	ug/l	98
48) Methyl methacrylate	9.18	41	89661	47.827	ug/l	91
49) 1,4-Dioxane	9.18	88	37611	1095.924	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	574352	237.063	ug/l	95
52) Toluene	10.14	92	254245	51.950	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	163072	53.586	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	172425	53.850	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	101570	52.401	ug/l	96
56) Ethyl methacrylate	10.42	69	147118	49.672	ug/l	92
57) 1,3-Dichloropropane	10.70	76	163937	53.273	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	210888	236.397	ug/l	91
59) 2-Hexanone	10.74	43	452315	253.416	ug/l	94
60) Dibromochloromethane	10.89	129	121257	54.935	ug/l	100
61) 1,2-Dibromoethane	10.99	107	106626	52.484	ug/l	99
64) Tetrachloroethene	10.62	164	114495	51.512	ug/l	95
65) Chlorobenzene	11.43	112	280795	52.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	109928	53.073	ug/l	99
67) Ethyl Benzene	11.50	91	501858	51.574	ug/l	97
68) m/p-Xylenes	11.62	106	385736	104.941	ug/l	94
69) o-Xylene	11.94	106	186722	51.888	ug/l	94
70) Styrene	11.96	104	313465	52.056	ug/l	97
71) Bromoform	12.12	173	91150	54.939	ug/l #	99
73) Isopropylbenzene	12.25	105	504091	50.161	ug/l	99
74) N-amyl acetate	12.06	43	178852	45.866	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	139254	47.799	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	123473m	53.544	ug/l	
77) Bromobenzene	12.52	156	127701	50.179	ug/l	82
78) n-propylbenzene	12.59	91	572710	50.775	ug/l	97
79) 2-Chlorotoluene	12.67	91	330974	49.324	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	426534	50.468	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	51857	48.293	ug/l	94
82) 4-Chlorotoluene	12.77	91	344366	51.166	ug/l	95
83) tert-Butylbenzene	12.99	119	365398	49.989	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	426780	51.043	ug/l	97
85) sec-Butylbenzene	13.17	105	490855	51.112	ug/l	99
86) p-Isopropyltoluene	13.28	119	456375	51.358	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	233840	52.898	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	232505	52.722	ug/l	97
89) n-Butylbenzene	13.61	91	402042	53.063	ug/l	98
90) Hexachloroethane	13.87	117	84575	50.869	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	227967	52.163	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30615	48.914	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	151101	57.540	ug/l	98
94) Hexachlorobutadiene	15.01	225	77314	53.427	ug/l	99
95) Naphthalene	15.13	128	397754	53.251	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	143870	56.285	ug/l	99

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

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