

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059749.D
 Acq On : 17 Jan 2020 9:50
 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
 1/20/2020 11:11:56 AM

Quant Time: Jan 20 01:19:34 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	195998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	298979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134940	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	109215	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
35) Dibromofluoromethane	7.56	113	92432	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
50) Toluene-d8	10.08	98	352487	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	127719	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	120205	52.040	ug/l	99
3) Chloromethane	2.03	50	111990	49.908	ug/l	100
4) Vinyl Chloride	2.17	62	137522	53.564	ug/l	100
5) Bromomethane	2.53	94	83157	53.073	ug/l	100
6) Chloroethane	2.68	64	62534	51.483	ug/l	98
7) Trichlorofluoromethane	3.00	101	160686	52.114	ug/l	98
8) Diethyl Ether	3.38	74	56519	52.232	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.73	101	93210	54.316	ug/l	91
10) Methyl Iodide	3.93	142	142396	51.335	ug/l	96
11) Tert butyl alcohol	4.73	59	89984	245.576	ug/l	98
12) 1,1-Dichloroethene	3.71	96	92570	51.624	ug/l	86
13) Acrolein	3.57	56	61241	236.104	ug/l	96
14) Allyl chloride	4.29	41	124003	51.305	ug/l #	89
15) Acrylonitrile	4.94	53	214083	256.131	ug/l	99
16) Acetone	3.78	43	188687	254.339	ug/l	98
17) Carbon Disulfide	4.03	76	254589	49.840	ug/l	99
18) Methyl Acetate	4.28	43	125965	49.545	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	305946	52.329	ug/l	94
20) Methylene Chloride	4.52	84	100904	51.273	ug/l	87
21) trans-1,2-Dichloroethene	5.00	96	98603	51.730	ug/l	89
22) Diisopropyl ether	5.91	45	278573	50.859	ug/l #	96
23) Vinyl Acetate	5.86	43	1048303	247.195	ug/l #	95
24) 1,1-Dichloroethane	5.82	63	171156	51.140	ug/l	98
25) 2-Butanone	6.80	43	299930	243.331	ug/l	91
26) 2,2-Dichloropropane	6.79	77	163814	50.913	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	113684	51.854	ug/l	87
28) Bromochloromethane	7.17	49	67355	50.353	ug/l #	75
29) Tetrahydrofuran	7.18	42	181490	237.978	ug/l	87
30) Chloroform	7.35	83	180795	52.137	ug/l	99
31) Cyclohexane	7.63	56	153258	47.589	ug/l	88
32) 1,1,1-Trichloroethane	7.54	97	166317	51.873	ug/l	95
36) 1,1-Dichloropropene	7.77	75	134864	51.799	ug/l	95
37) Ethyl Acetate	6.89	43	114608	46.933	ug/l #	95
38) Carbon Tetrachloride	7.75	117	149560	52.807	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	169141	52.686	ug/l	92
40) Benzene	8.02	78	399824	51.491	ug/l	100
41) Methacrylonitrile	7.15	41	57350m	47.680	ug/l	
42) 1,2-Dichloroethane	8.10	62	137882	52.372	ug/l	96
43) Isopropyl Acetate	8.14	43	208674	49.681	ug/l #	95
44) Trichloroethene	8.82	130	118152	55.739	ug/l	94
45) 1,2-Dichloropropane	9.10	63	100788	52.454	ug/l	99
46) Dibromomethane	9.19	93	72419	53.430	ug/l	91
47) Bromodichloromethane	9.38	83	146541	53.652	ug/l	99
48) Methyl methacrylate	9.18	41	93679	49.862	ug/l	91
49) 1,4-Dioxane	9.18	88	37658	1094.912	ug/l	89
51) 4-Methyl-2-Pentanone	9.97	43	594926	245.022	ug/l	94
52) Toluene	10.14	92	260727	53.159	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	164480	53.932	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	173824	54.169	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	102703	52.870	ug/l	98
56) Ethyl methacrylate	10.42	69	153282	51.641	ug/l	90
57) 1,3-Dichloropropane	10.70	76	166054	53.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	262849	294.003	ug/l	90
59) 2-Hexanone	10.74	43	471641	263.670	ug/l	94
60) Dibromochloromethane	10.89	129	121392	54.877	ug/l	99
61) 1,2-Dibromoethane	11.00	107	109588	53.825	ug/l	99
64) Tetrachloroethene	10.62	164	117978	53.192	ug/l	95
65) Chlorobenzene	11.43	112	284006	53.095	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	111991	54.184	ug/l	99
67) Ethyl Benzene	11.50	91	508223	52.339	ug/l	97
68) m/p-Xylenes	11.61	106	392647	107.048	ug/l	93
69) o-Xylene	11.94	106	189620	52.805	ug/l	93
70) Styrene	11.96	104	318789	53.053	ug/l	97
71) Bromoform	12.12	173	92314	55.759	ug/l #	99
73) Isopropylbenzene	12.24	105	510055	51.539	ug/l	99
74) N-amyl acetate	12.06	43	183415	47.763	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	139769	48.717	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	125528m	55.277	ug/l	
77) Bromobenzene	12.52	156	130953	52.253	ug/l	80
78) n-propylbenzene	12.59	91	578169	52.051	ug/l	97
79) 2-Chlorotoluene	12.67	91	335045	50.703	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	430033	51.669	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	52668	49.806	ug/l	94
82) 4-Chlorotoluene	12.77	91	344639	51.998	ug/l	95
83) tert-Butylbenzene	12.99	119	368256	51.159	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	429778	52.196	ug/l	98
85) sec-Butylbenzene	13.17	105	491576	51.978	ug/l	98
86) p-Isopropyltoluene	13.28	119	459273	52.483	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	235229	54.034	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	233034	53.659	ug/l	97
89) n-Butylbenzene	13.61	91	403475	54.075	ug/l	98
90) Hexachloroethane	13.87	117	86348	52.738	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	227945	52.964	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	31254	50.787	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	151297	58.505	ug/l	99
94) Hexachlorobutadiene	15.01	225	78219	54.888	ug/l	100
95) Naphthalene	15.13	128	391876	53.275	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	140681	55.889	ug/l	98

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

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