

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059205.D
 Acq On : 13 Nov 2019 8:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Nov 14 08:26:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	413541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	634855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	589451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290022	50.00	ug/l	0.00

System Monitoring Compounds

MMDadoda

33) 1,2-Dichloroethane-d4	8.00	65	241345	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.56	113	192865	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.08	98	727734	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	274654	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

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Target Compounds

Qvalue

2) Dichlorodifluoromethane	1.83	85	194439	46.666	ug/l	99
3) Chloromethane	2.04	50	253881	44.825	ug/l	99
4) Vinyl Chloride	2.17	62	265267	48.308	ug/l	99
5) Bromomethane	2.54	94	156790	49.618	ug/l	99
6) Chloroethane	2.68	64	163439	50.315	ug/l	100
7) Trichlorofluoromethane	3.00	101	336229	51.191	ug/l	100
8) Diethyl Ether	3.38	74	131480	49.266	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	200299	50.579	ug/l	99
10) Methyl Iodide	3.92	142	248425	50.680	ug/l	98
11) Tert butyl alcohol	4.74	59	211949	218.774	ug/l	99
12) 1,1-Dichloroethene	3.71	96	189267	49.062	ug/l	96
13) Acrolein	3.58	56	144258	288.808	ug/l	100
14) Allyl chloride	4.29	41	382606	48.283	ug/l	98
15) Acrylonitrile	4.95	53	586254	243.156	ug/l	99
16) Acetone	3.78	43	759677	287.374	ug/l	100
17) Carbon Disulfide	4.02	76	528088	44.099	ug/l	100
18) Methyl Acetate	4.29	43	305171	48.636	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	695223	52.345	ug/l	99
20) Methylene Chloride	4.52	84	231525	50.272	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	207202	50.039	ug/l	98
22) Diisopropyl ether	5.91	45	788974	52.712	ug/l	98
23) Vinyl Acetate	5.86	43	3175373	273.734	ug/l	100
24) 1,1-Dichloroethane	5.82	63	433010	51.796	ug/l	99
25) 2-Butanone	6.80	43	911333	261.577	ug/l	99
26) 2,2-Dichloropropane	6.79	77	368077	50.353	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	244516	50.898	ug/l	99
28) Bromochloromethane	7.17	49	116295	46.239	ug/l	100
29) Tetrahydrofuran	7.18	42	525349	237.314	ug/l	100
30) Chloroform	7.34	83	416938	51.991	ug/l	100
31) Cyclohexane	7.63	56	368012	46.501	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	351291	52.103	ug/l	99
36) 1,1-Dichloropropene	7.77	75	309985	52.238	ug/l	99
37) Ethyl Acetate	6.90	43	330485	50.063	ug/l	100
38) Carbon Tetrachloride	7.75	117	313267	53.040	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	358036	51.987	ug/l	99
40) Benzene	8.02	78	939589	52.581	ug/l	99
41) Methacrylonitrile	7.14	41	126033m	43.905	ug/l	
42) 1,2-Dichloroethane	8.10	62	328587	53.614	ug/l	99
43) Isopropyl Acetate	8.14	43	525991	49.978	ug/l	99
44) Trichloroethene	8.81	130	231063	52.603	ug/l	100
45) 1,2-Dichloropropane	9.10	63	259045	53.371	ug/l	100
46) Dibromomethane	9.19	93	158631	52.448	ug/l	99
47) Bromodichloromethane	9.38	83	334285	55.349	ug/l	98
48) Methyl methacrylate	9.18	41	240780	51.148	ug/l	100
49) 1,4-Dioxane	9.18	88	85557	1022.681	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1617336	271.595	ug/l	99
52) Toluene	10.14	92	571442	53.354	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	376668	53.982	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	409566	54.567	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	231696	53.453	ug/l	98
56) Ethyl methacrylate	10.42	69	351511	48.672	ug/l	100
57) 1,3-Dichloropropane	10.70	76	403032	54.023	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	694250	287.793	ug/l	100
59) 2-Hexanone	10.74	43	1273433	278.608	ug/l	100
60) Dibromochloromethane	10.89	129	252002	54.987	ug/l	99
61) 1,2-Dibromoethane	10.99	107	234393	53.417	ug/l	100
64) Tetrachloroethene	10.62	164	206156	51.434	ug/l	99
65) Chlorobenzene	11.43	112	610039	53.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	233018	54.059	ug/l	99
67) Ethyl Benzene	11.51	91	1101521	54.030	ug/l	99
68) m/p-Xylenes	11.62	106	834649	109.293	ug/l	99
69) o-Xylene	11.94	106	394094	53.399	ug/l	99
70) Styrene	11.96	104	657100	56.612	ug/l	100
71) Bromoform	12.12	173	179565	53.557	ug/l #	99
73) Isopropylbenzene	12.25	105	1083804	51.374	ug/l	100
74) N-amyl acetate	12.07	43	446095	49.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	349494	48.647	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	315304m	47.753	ug/l	
77) Bromobenzene	12.52	156	264571	49.916	ug/l	97
78) n-propylbenzene	12.59	91	1285217	53.207	ug/l	100
79) 2-Chlorotoluene	12.67	91	753067	50.256	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	932656	52.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	124106	49.645	ug/l	99
82) 4-Chlorotoluene	12.77	91	786614	52.338	ug/l	100
83) tert-Butylbenzene	12.99	119	785738	50.899	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	925445	53.510	ug/l	100
85) sec-Butylbenzene	13.17	105	1073814	53.485	ug/l	100
86) p-Isopropyltoluene	13.29	119	974149	54.952	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	480365	52.925	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	472120	51.990	ug/l	99
89) n-Butylbenzene	13.62	91	859817	55.416	ug/l	100
90) Hexachloroethane	13.88	117	177457	49.852	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	465643	52.153	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	69439	48.447	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	274908	50.704	ug/l	99
94) Hexachlorobutadiene	15.01	225	160527	52.144	ug/l	99
95) Naphthalene	15.13	128	707270	47.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	270092	53.979	ug/l	100

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

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