

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053533.D
 Acq On : 28 Jan 2019 9:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 9:52:19 AM

Quant Time: Jan 29 06:31:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	763828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1116490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	999112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	505583	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	379321	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.59	113	364426	57.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.38%	
50) Toluene-d8	10.09	98	1375567	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.40	95	487081	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	287203	46.767	ug/l	98
3) Chloromethane	2.06	50	417394	47.537	ug/l	99
4) Vinyl Chloride	2.19	62	395674	46.749	ug/l	100
5) Bromomethane	2.57	94	238655	41.095	ug/l	100
6) Chloroethane	2.71	64	242041	47.300	ug/l	99
7) Trichlorofluoromethane	3.02	101	553028	49.954	ug/l	100
8) Diethyl Ether	3.41	74	214155	51.504	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	363129	51.792	ug/l	99
10) Methyl Iodide	3.96	142	502831	46.931	ug/l	100
11) Tert butyl alcohol	4.77	59	121700	329.434	ug/l	100
12) 1,1-Dichloroethene	3.74	96	336000	49.408	ug/l	99
13) Acrolein	3.61	56	166718	232.979	ug/l	97
14) Allyl chloride	4.33	41	540961	48.973	ug/l	95
15) Acrylonitrile	4.99	53	661391	272.043	ug/l	99
16) Acetone	3.81	43	386611	218.264	ug/l	98
17) Carbon Disulfide	4.06	76	964331	46.892	ug/l	100
18) Methyl Acetate	4.32	43	329005	55.130	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	957047	52.966	ug/l	100
20) Methylene Chloride	4.55	84	398549	49.283	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	369045	50.760	ug/l	98
22) Diisopropyl ether	5.95	45	1167203	50.616	ug/l	97
23) Vinyl Acetate	5.90	43	3774482	266.273	ug/l	100
24) 1,1-Dichloroethane	5.85	63	703605	51.614	ug/l	100
25) 2-Butanone	6.83	43	691212	253.229	ug/l	100
26) 2,2-Dichloropropane	6.82	77	547691	53.212	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	436371	52.487	ug/l	99
28) Bromochloromethane	7.19	49	302549	50.378	ug/l	99
29) Tetrahydrofuran	7.21	42	480107	270.183	ug/l	99
30) Chloroform	7.37	83	693921	52.245	ug/l	100
31) Cyclohexane	7.65	56	633101	47.711	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	587387	52.134	ug/l	100
36) 1,1-Dichloropropene	7.79	75	537863	52.898	ug/l	99
37) Ethyl Acetate	6.93	43	325169	55.585	ug/l	100
38) Carbon Tetrachloride	7.77	117	525083	54.546	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	656985	52.276	ug/l	99
40) Benzene	8.04	78	1621139	52.466	ug/l	100
41) Methacrylonitrile	7.17	41	181553	52.199	ug/l	94
42) 1,2-Dichloroethane	8.12	62	479231	53.238	ug/l	100
43) Isopropyl Acetate	8.16	43	572172	54.395	ug/l	99
44) Trichloroethene	8.84	130	455027	53.103	ug/l	99
45) 1,2-Dichloropropane	9.12	63	428808	52.395	ug/l	99
46) Dibromomethane	9.21	93	250462	53.266	ug/l	98
47) Bromodichloromethane	9.40	83	543261	54.939	ug/l	99
48) Methyl methacrylate	9.20	41	278418	51.263	ug/l	94
49) 1,4-Dioxane	9.20	88	82364	1552.806	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1569283	273.289	ug/l	99
52) Toluene	10.16	92	1003518	52.314	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	559998	55.872	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	653577	55.626	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	364633	55.135	ug/l	99
56) Ethyl methacrylate	10.43	69	460621	49.115	ug/l	100
57) 1,3-Dichloropropane	10.71	76	613049	53.586	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1271300	274.775	ug/l	100
59) 2-Hexanone	10.75	43	1068627	265.104	ug/l	100
60) Dibromochloromethane	10.90	129	417052	55.599	ug/l	100
61) 1,2-Dibromoethane	11.01	107	357708	53.480	ug/l	99
64) Tetrachloroethene	10.63	164	437714	46.488	ug/l	99
65) Chlorobenzene	11.43	112	1129415	53.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	397621	54.046	ug/l	100
67) Ethyl Benzene	11.51	91	1908206	52.945	ug/l	100
68) m/p-Xylenes	11.62	106	1473130	108.258	ug/l	100
69) o-Xylene	11.95	106	714199	54.015	ug/l	99
70) Styrene	11.96	104	1190372	55.471	ug/l	99
71) Bromoform	12.13	173	285807	56.429	ug/l #	99
73) Isopropylbenzene	12.25	105	1899169	51.295	ug/l	99
74) N-amyl acetate	12.07	43	492227	49.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	439948	56.658	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	332027m	49.834	ug/l	
77) Bromobenzene	12.53	156	501395	51.394	ug/l	99
78) n-propylbenzene	12.59	91	2233807	52.561	ug/l	100
79) 2-Chlorotoluene	12.68	91	1293858	51.362	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1589700	52.772	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	129399	49.194	ug/l	95
82) 4-Chlorotoluene	12.77	91	1349867	52.545	ug/l	99
83) tert-Butylbenzene	12.99	119	1394683	52.420	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1630826	53.692	ug/l	99
85) sec-Butylbenzene	13.17	105	1940862	53.191	ug/l	99
86) p-Isopropyltoluene	13.29	119	1732272	54.676	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	914951	53.315	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	912757	53.024	ug/l	99
89) n-Butylbenzene	13.62	91	1546832	57.276	ug/l	100
90) Hexachloroethane	13.88	117	264316	53.194	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	868066	54.982	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	65113	66.133	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	558280	78.474	ug/l	100
94) Hexachlorobutadiene	15.01	225	329027	66.806	ug/l	100
95) Naphthalene	15.13	128	1175812	92.564	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	514804	97.014	ug/l	99

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

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