

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053274.D
 Acq On : 3 Jan 2019 20:31
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 12:39:06 PM

Quant Time: Jan 04 08:57:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	739036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1140205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1027664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	495954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	405698	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
35) Dibromofluoromethane	7.59	113	346583	66.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.08%	
50) Toluene-d8	10.09	98	1420649	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	512550	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	340862	45.572	ug/l	99
3) Chloromethane	2.06	50	435663	48.067	ug/l	99
4) Vinyl Chloride	2.19	62	442476	48.203	ug/l	100
5) Bromomethane	2.56	94	314222	49.407	ug/l	100
6) Chloroethane	2.71	64	269028	49.485	ug/l	98
7) Trichlorofluoromethane	3.02	101	599165	52.396	ug/l	100
8) Diethyl Ether	3.41	74	247682	57.413	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	387275	53.117	ug/l	98
10) Methyl Iodide	3.96	142	568320	55.505	ug/l	100
11) Tert butyl alcohol	4.78	59	154252	337.082	ug/l	99
12) 1,1-Dichloroethene	3.74	96	369606	52.471	ug/l	100
13) Acrolein	3.61	56	132325	318.907	ug/l	100
14) Allyl chloride	4.33	41	585877	53.696	ug/l	96
15) Acrylonitrile	4.99	53	810900	318.970	ug/l	99
16) Acetone	3.82	43	515341	350.458	ug/l	97
17) Carbon Disulfide	4.06	76	925961	40.308	ug/l	100
18) Methyl Acetate	4.32	43	485536	72.298	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1138387	60.391	ug/l	99
20) Methylene Chloride	4.55	84	442583	55.176	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	393955	52.054	ug/l	98
22) Diisopropyl ether	5.95	45	1390250	59.694	ug/l	98
23) Vinyl Acetate	5.90	43	4134177	308.702	ug/l	99
24) 1,1-Dichloroethane	5.85	63	788217	56.955	ug/l	99
25) 2-Butanone	6.83	43	860377	348.638	ug/l	99
26) 2,2-Dichloropropane	6.83	77	528096	49.988	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	478196	55.812	ug/l	99
28) Bromochloromethane	7.20	49	341211	56.899	ug/l	97
29) Tetrahydrofuran	7.21	42	609993	330.953	ug/l	98
30) Chloroform	7.37	83	782187	57.535	ug/l	99
31) Cyclohexane	7.65	56	661245	50.965	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	636298	54.942	ug/l	99
36) 1,1-Dichloropropene	7.79	75	567841	51.886	ug/l	100
37) Ethyl Acetate	6.93	43	389044	63.679	ug/l	99
38) Carbon Tetrachloride	7.78	117	542168	54.048	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	628851	47.301	ug/l	98
40) Benzene	8.04	78	1770743	54.396	ug/l	99
41) Methacrylonitrile	7.17	41	216835	61.426	ug/l	99
42) 1,2-Dichloroethane	8.13	62	544177	56.587	ug/l	99
43) Isopropyl Acetate	8.16	43	717916	60.951	ug/l	99
44) Trichloroethene	8.84	130	486209	51.639	ug/l	97
45) 1,2-Dichloropropane	9.12	63	487301	57.471	ug/l	99
46) Dibromomethane	9.21	93	282669	57.227	ug/l	98
47) Bromodichloromethane	9.40	83	597063	56.866	ug/l	99
48) Methyl methacrylate	9.20	41	360844	60.866	ug/l	99
49) 1,4-Dioxane	9.20	88	89176	1189.135	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1949039	329.422	ug/l	100
52) Toluene	10.16	92	1099799	54.507	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	605129	54.809	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	694942	54.837	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	417650	59.333	ug/l	99
56) Ethyl methacrylate	10.43	69	564965	60.638	ug/l	96
57) 1,3-Dichloropropane	10.71	76	706870	58.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1468946	287.185	ug/l	99
59) 2-Hexanone	10.75	43	1304162	325.794	ug/l	98
60) Dibromochloromethane	10.90	129	460735	57.181	ug/l	99
61) 1,2-Dibromoethane	11.00	107	407800	57.043	ug/l	99
64) Tetrachloroethene	10.63	164	530910	47.693	ug/l	98
65) Chlorobenzene	11.43	112	1236562	54.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	450326	56.846	ug/l	100
67) Ethyl Benzene	11.51	91	2121425	54.151	ug/l	100
68) m/p-Xylenes	11.62	106	1606226	107.850	ug/l	99
69) o-Xylene	11.95	106	793425	55.518	ug/l	99
70) Styrene	11.96	104	1320906	56.683	ug/l	100
71) Bromoform	12.13	173	318641	55.679	ug/l	99
73) Isopropylbenzene	12.25	105	2098560	54.081	ug/l	100
74) N-amyl acetate	12.07	43	619793	57.530	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	471653	61.956	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	412978m	49.465	ug/l	
77) Bromobenzene	12.53	156	552540	54.778	ug/l	98
78) n-propylbenzene	12.59	91	2358254	53.361	ug/l	99
79) 2-Chlorotoluene	12.67	91	1419274	51.810	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1679859	53.112	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	141686	54.698	ug/l	98
82) 4-Chlorotoluene	12.77	91	1446163	53.929	ug/l	100
83) tert-Butylbenzene	12.99	119	1492926	53.371	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1718273	54.041	ug/l	100
85) sec-Butylbenzene	13.17	105	1968712	52.033	ug/l	100
86) p-Isopropyltoluene	13.29	119	1711505	52.350	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	947040	53.048	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	929383	51.407	ug/l	100
89) n-Butylbenzene	13.62	91	1387177	49.319	ug/l	100
90) Hexachloroethane	13.87	117	263933	52.607	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	890467	52.998	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	47560	36.132	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	175369	20.062	ug/l	99
94) Hexachlorobutadiene	15.01	225	182684	39.004	ug/l	99
95) Naphthalene	15.13	128	291039	15.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	100375	12.902	ug/l	99

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

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