

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013019\
 Data File : VN053571.D
 Acq On : 30 Jan 2019 19:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 9:18:59 AM

Quant Time: Jan 31 06:32:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 31 05:27:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	670357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1059741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	936180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	454313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	355557	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
35) Dibromofluoromethane	7.59	113	338922	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.09	98	1267438	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.40	95	424448	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	390058	51.602	ug/l	100
3) Chloromethane	2.06	50	417715	52.487	ug/l	100
4) Vinyl Chloride	2.19	62	413384	53.508	ug/l	99
5) Bromomethane	2.57	94	259328	51.338	ug/l	100
6) Chloroethane	2.71	64	232752	52.720	ug/l	99
7) Trichlorofluoromethane	3.02	101	542731	51.804	ug/l	99
8) Diethyl Ether	3.41	74	199220	52.069	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	329462	50.849	ug/l	98
10) Methyl Iodide	3.96	142	522283	51.357	ug/l	100
11) Tert butyl alcohol	4.78	59	105869	266.002	ug/l	98
12) 1,1-Dichloroethene	3.74	96	324943	52.345	ug/l	98
13) Acrolein	3.61	56	76162	347.943	ug/l	96
14) Allyl chloride	4.33	41	513783	51.982	ug/l	99
15) Acrylonitrile	4.99	53	592217	275.628	ug/l	99
16) Acetone	3.82	43	388657	225.312	ug/l	98
17) Carbon Disulfide	4.06	76	979721	50.686	ug/l	100
18) Methyl Acetate	4.33	43	258694	50.639	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	852886	54.197	ug/l	98
20) Methylene Chloride	4.55	84	366047	50.580	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	344889	51.497	ug/l	99
22) Diisopropyl ether	5.95	45	981181	53.575	ug/l	97
23) Vinyl Acetate	5.90	43	3525069	278.234	ug/l	98
24) 1,1-Dichloroethane	5.85	63	633001	51.820	ug/l	99
25) 2-Butanone	6.84	43	633555	257.523	ug/l	100
26) 2,2-Dichloropropane	6.83	77	442087	47.410	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	389984	52.367	ug/l	98
28) Bromochloromethane	7.20	49	276637	52.186	ug/l	97
29) Tetrahydrofuran	7.21	42	440605	278.906	ug/l	99
30) Chloroform	7.37	83	623648	51.503	ug/l	100
31) Cyclohexane	7.66	56	577707	50.799	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	528133	52.408	ug/l	99
36) 1,1-Dichloropropene	7.79	75	479064	50.148	ug/l	99
37) Ethyl Acetate	6.93	43	284927	53.404	ug/l	99
38) Carbon Tetrachloride	7.77	117	474975	49.356	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	558098	49.243	ug/l	99
40) Benzene	8.04	78	1461332	49.606	ug/l	100
41) Methacrylonitrile	7.17	41	149772	50.227	ug/l #	89
42) 1,2-Dichloroethane	8.12	62	427677	48.895	ug/l	100
43) Isopropyl Acetate	8.17	43	519759	50.444	ug/l #	89
44) Trichloroethene	8.84	130	399332	47.615	ug/l	100
45) 1,2-Dichloropropane	9.12	63	382258	50.733	ug/l	99
46) Dibromomethane	9.21	93	226927	49.961	ug/l	98
47) Bromodichloromethane	9.40	83	470753	49.848	ug/l	100
48) Methyl methacrylate	9.20	41	242607	49.327	ug/l	93
49) 1,4-Dioxane	9.20	88	71175	998.755	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1350768	266.779	ug/l	100
52) Toluene	10.16	92	888425	50.815	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	475803	50.314	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	564620	50.386	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	320052	50.801	ug/l	99
56) Ethyl methacrylate	10.43	69	394481	52.929	ug/l	99
57) 1,3-Dichloropropane	10.71	76	544261	50.548	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1105231	239.465	ug/l	99
59) 2-Hexanone	10.75	43	861965	250.769	ug/l	100
60) Dibromochloromethane	10.90	129	364422	51.295	ug/l	100
61) 1,2-Dibromoethane	11.00	107	310836	49.849	ug/l	100
64) Tetrachloroethene	10.63	164	392430	48.900	ug/l	98
65) Chlorobenzene	11.44	112	973160	48.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	350746	50.505	ug/l	98
67) Ethyl Benzene	11.51	91	1633327	50.001	ug/l	100
68) m/p-Xylenes	11.62	106	1260562	101.110	ug/l	100
69) o-Xylene	11.95	106	615937	51.138	ug/l	99
70) Styrene	11.96	104	1003956	51.427	ug/l	100
71) Bromoform	12.13	173	252723	53.080	ug/l #	99
73) Isopropylbenzene	12.25	105	1588972	49.752	ug/l	100
74) N-amyl acetate	12.07	43	388372	50.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	375884	49.177	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	313674m	53.754	ug/l	
77) Bromobenzene	12.53	156	427016	49.610	ug/l	98
78) n-propylbenzene	12.59	91	1840274	49.845	ug/l	100
79) 2-Chlorotoluene	12.67	91	1090192	49.771	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1366002	51.578	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	100031	48.202	ug/l	97
82) 4-Chlorotoluene	12.77	91	1118267	49.753	ug/l	100
83) tert-Butylbenzene	12.99	119	1178916	50.366	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1396657	51.762	ug/l	99
85) sec-Butylbenzene	13.17	105	1605586	50.407	ug/l	100
86) p-Isopropyltoluene	13.29	119	1412439	50.701	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	754982	48.793	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	741700	48.459	ug/l	99
89) n-Butylbenzene	13.62	91	1203334	49.904	ug/l	99
90) Hexachloroethane	13.88	117	229352	49.912	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	733978	49.549	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	54955	50.449	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	446214	52.522	ug/l	100
94) Hexachlorobutadiene	15.01	225	262267	49.570	ug/l	100
95) Naphthalene	15.13	128	979569	49.115	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	423286	53.696	ug/l	100

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

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