

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022519\
 Data File : VN053927.D
 Acq On : 25 Feb 2019 13:57
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 10:48:17 AM

Quant Time: Feb 28 04:21:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 02:58:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	709134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1113985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1015549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	483967	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	1163805	140.00	ug/l	0.00
Spiked Amount			Recovery	=	280.00%	
35) Dibromofluoromethane	7.59	113	1042030	144.65	ug/l	0.00
Spiked Amount			Recovery	=	289.30%	
50) Toluene-d8	10.09	98	4007744	149.45	ug/l	0.00
Spiked Amount			Recovery	=	298.90%	
62) 4-Bromofluorobenzene	12.40	95	1388178	155.38	ug/l	0.00
Spiked Amount			Recovery	=	310.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	920939	141.111	ug/l	99
3) Chloromethane	2.06	50	1319630	145.774	ug/l	99
4) Vinyl Chloride	2.18	62	1312823	144.740	ug/l	100
5) Bromomethane	2.55	94	814118	135.528	ug/l	100
6) Chloroethane	2.70	64	773713	137.160	ug/l	99
7) Trichlorofluoromethane	3.02	101	1615930	139.456	ug/l	99
8) Diethyl Ether	3.41	74	642483	147.994	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1009861	137.990	ug/l	95
10) Methyl Iodide	3.95	142	1566438	162.895	ug/l	99
11) Tert butyl alcohol	4.78	59	387017	734.418	ug/l	100
12) 1,1-Dichloroethene	3.74	96	1000451	142.917	ug/l	95
13) Acrolein	3.60	56	360336	660.447	ug/l	99
14) Allyl chloride	4.32	41	1874727	152.692	ug/l	97
15) Acrylonitrile	4.98	53	2073648	746.616	ug/l	99
16) Acetone	3.81	43	1565166	642.083	ug/l	97
17) Carbon Disulfide	4.05	76	3232917	143.158	ug/l	99
18) Methyl Acetate	4.32	43	833493	143.396	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	2868724	152.764	ug/l	98
20) Methylene Chloride	4.55	84	1148676	139.618	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	1092033	144.133	ug/l	93
22) Diisopropyl ether	5.95	45	3734930	157.682	ug/l	97
23) Vinyl Acetate	5.89	43	13699411	803.975	ug/l	96
24) 1,1-Dichloroethane	5.85	63	2083858	143.462	ug/l	99
25) 2-Butanone	6.83	43	2419989	741.429	ug/l	96
26) 2,2-Dichloropropane	6.82	77	1528773	148.140	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1237074	146.814	ug/l	95
28) Bromochloromethane	7.19	49	947777	142.550	ug/l	84
29) Tetrahydrofuran	7.21	42	1610514	740.953	ug/l	93
30) Chloroform	7.37	83	1993620	141.545	ug/l	99
31) Cyclohexane	7.65	56	1988326	128.551	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	1703833	146.714	ug/l	98
36) 1,1-Dichloropropene	7.79	75	1598937	154.343	ug/l	97
37) Ethyl Acetate	6.93	43	1070694	144.744	ug/l	98
38) Carbon Tetrachloride	7.77	117	1508242	139.984	ug/l	99

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39) Methylcyclohexane	9.08	83	1948218	156.026	ug/l	96
40) Benzene	8.04	78	4756459	149.455	ug/l	100
41) Methacrylonitrile	7.19	41	813213m	170.730	ug/l	
42) 1,2-Dichloroethane	8.12	62	1443840	146.538	ug/l	97
43) Isopropyl Acetate	8.16	43	1911530	153.050	ug/l #	90
44) Trichloroethene	8.83	130	1241382	147.131	ug/l	97
45) 1,2-Dichloropropane	9.12	63	1286435	149.824	ug/l	100
46) Dibromomethane	9.21	93	732277	146.901	ug/l	94
47) Bromodichloromethane	9.40	83	1578871	150.295	ug/l	99
48) Methyl methacrylate	9.20	41	966052	168.160	ug/l	93
49) 1,4-Dioxane	9.20	88	233259	2997.810	ug/l #	93
51) 4-Methyl-2-Pentanone	9.99	43	5172941	806.007	ug/l	97
52) Toluene	10.16	92	2877979	153.576	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1719695	168.243	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1944405	161.363	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	1034721	147.847	ug/l	98
56) Ethyl methacrylate	10.43	69	1420172	173.440	ug/l	91
57) 1,3-Dichloropropane	10.71	76	1793731	151.690	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	3380680	935.011	ug/l	96
59) 2-Hexanone	10.75	43	3450153	826.554	ug/l	95
60) Dibromochloromethane	10.90	129	1203885	154.782	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1045559	154.870	ug/l	99
64) Tetrachloroethene	10.63	164	1168566	135.888	ug/l	97
65) Chlorobenzene	11.43	112	3160335	147.453	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1156167	149.676	ug/l	100
67) Ethyl Benzene	11.51	91	5499708	153.065	ug/l	99
68) m/p-Xylenes	11.62	106	4156993	306.539	ug/l	96
69) o-Xylene	11.95	106	2031786	152.482	ug/l	98
70) Styrene	11.97	104	3338780	162.907	ug/l	99
71) Bromoform	12.13	173	845064	157.256	ug/l	99
73) Isopropylbenzene	12.25	105	5263463	139.712	ug/l	99
74) N-amyl acetate	12.07	43	1601257	162.167	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	1280032	135.871	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1073361m	138.254	ug/l	
77) Bromobenzene	12.53	156	1362455	142.442	ug/l	91
78) n-propylbenzene	12.59	91	6243427	145.722	ug/l	98
79) 2-Chlorotoluene	12.68	91	3645463	141.639	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	4484654	145.407	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	392009	159.588	ug/l	98
82) 4-Chlorotoluene	12.77	91	3740949	147.065	ug/l	97
83) tert-Butylbenzene	12.99	119	3905188	143.163	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	4538585	147.400	ug/l	99
85) sec-Butylbenzene	13.17	105	5291602	142.030	ug/l	99
86) p-Isopropyltoluene	13.29	119	4657477	147.874	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	2431020	146.920	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2376978	148.070	ug/l	99
89) n-Butylbenzene	13.62	91	4217552	158.890	ug/l	99
90) Hexachloroethane	13.88	117	873146	143.060	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	2280519	142.379	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	188730	141.760	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1386136	182.307	ug/l	98
94) Hexachlorobutadiene	15.01	225	763950	132.037	ug/l	99
95) Naphthalene	15.13	128	3047742	193.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	1316294	172.414	ug/l	98

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

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