Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
Data File : BM009325.D
Acq On : 22 Mar 2017 19:23
Operator : SJ/MA
Sample : I2296-01
Misc : LOD 1 PPB
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-SOIL-01-QT2-2017

Quant Time: Mar 23 14:56:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	152315	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	542764	20.00	ng		0.00
38) Acenaphthene-d10	14.50	164	290094	20.00	ng		0.00
63) Phenanthrene-d10	17.25	188	649336	20.00	ng		0.00
75) Chrysene-d12	21.43	240	800685	20.00	ng		0.00
86) Perylene-d12	23.75	264	750972	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1290646	141.24	ng		0.00
7) Phenol-d6	7.02	99	1746276	140.14	ng		0.00
23) Nitrobenzene-d5	9.03	82	1366088	94.37	ng		0.00
41) 2,4,6-Tribromophenol	15.99	330	529089	146.81	ng		0.00
44) 2-Fluorobiphenyl	13.12	172	2355362	97.83	ng		0.00
78) Terphenyl-d14	19.87	244	3163561	82.56	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.19	93	15332	0.91	ng	#	87
8) 2-Chlorophenol	7.42	128	10327	1.11	ng	#	49
9) Benzaldehyde	7.01	77	13910	1.42	ng	#	55
10) Phenol	7.05	94	15845	1.17	ng		98
11) bis(2-Chloroethyl)ether	7.29	93	11172	1.01	ng		83
12) 1,3-Dichlorobenzene	7.75	146	11360	1.02	ng	#	74
13) 1,4-Dichlorobenzene	7.90	146	11937	1.04	ng		96
14) 1,2-Dichlorobenzene	8.21	146	11746	1.06	ng	#	81
15) Benzyl Alcohol	8.10	79	9754	0.90	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.39	45	18589	0.97	ng		97
18) Hexachloroethane	8.94	117	4229	0.90	ng	#	72
24) Nitrobenzene	9.07	77	16434	1.16	ng		97
31) Naphthalene	10.71	128	30842	1.07	ng		97
34) Hexachlorobutadiene	10.98	225	7776	1.12	ng	#	88
37) 2-Methylnaphthalene	12.32	142	20018	1.01	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	11265	1.03	ng	#	100
45) 1,1'-Biphenyl	13.33	154	32282	1.34	ng		99
46) 2-Chloronaphthalene	13.38	162	19752	1.05	ng		95
47) 2-Nitroaniline	13.59	65	5114	0.74	ng	#	64
48) Acenaphthylene	14.23	152	26661	0.87	ng	#	96
49) Dimethylphthalate	13.96	163	22516	1.01	ng	#	99
50) 2,6-Dinitrotoluene	14.08	165	3663	0.76	ng	#	24
51) Acenaphthene	14.56	154	18206	0.99	ng	#	79
54) Dibenzofuran	14.90	168	27375	1.00	ng	#	96
57) Fluorene	15.55	166	23272	0.95	ng		89
58) 2,3,4,6-Tetrachlorophenol	15.12	232	4353	0.74	ng	#	100
59) Diethylphthalate	15.32	149	21091	0.93	ng		98
62) Azobenzene	15.84	77	19289	0.73	ng		86
65) n-Nitrosodiphenylamine	15.76	169	16871	0.86	ng		93
66) 4-Bromophenyl-phenylether	16.44	248	7782	1.03	ng	#	77
67) Hexachlorobenzene	16.54	284	9001	1.09	ng	#	87
68) Atrazine	16.71	200	5279	0.71	ng		79
70) Phenanthrene	17.29	178	37884	1.02	ng	#	93
71) Anthracene	17.38	178	33567	0.89	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.66	167	30061	0.83	ng	#	93
73) Di-n-butylphthalate	18.20	149	26327	0.72	ng	#	92
74) Fluoranthene	19.30	202	39000	0.89	ng		95
77) Pyrene	19.67	202	40517	0.89	ng		97
79) Butylbenzylphthalate	20.56	149	12723	0.78	ng	#	85
80) Benzo(a)anthracene	21.41	228	45972	0.98	ng		97
82) Chrysene	21.46	228	42969	0.96	ng		95
83) Bis(2-ethylhexyl)phthalate	21.32	149	18928	0.78	ng	#	91
84) Di-n-octyl phthalate	22.22	149	27495	0.68	ng	#	78
85) Indeno(1,2,3-cd)pyrene	26.11	276	46858	0.96	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	46390	0.97	ng		97
88) Benzo(k)fluoranthene	23.09	252	45644	1.00	ng	#	95
89) Benzo(a)pyrene	23.64	252	43532	0.99	ng		98
90) Dibenzo(a,h)anthracene	26.14	278	42069	0.97	ng		99
91) Benzo(g,h,i)perylene	26.84	276	40981	0.97	ng		95

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

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