Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010807.D
Acq On : 13 Jul 2017 11:53
Operator : SJ/JU
Sample : I3757-02
Misc : 20PPM LOQ
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT3-2017

Quant Time: Jul 13 13:57:37 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	240264	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	997731	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	715931	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1856664	20.00	ng		0.00
75) Chrysene-d12	21.07	240	2035881	20.00	ng		0.00
86) Perylene-d12	23.20	264	1609410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1762209	121.49	ng		0.00
7) Phenol-d6	6.64	99	2493829	124.72	ng		0.00
23) Nitrobenzene-d5	8.59	82	2319133	89.34	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1534163	140.22	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	5089013	88.43	ng		0.00
78) Terphenyl-d14	19.52	244	9204597	87.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	127846	19.976	ng	#	100
3) Pyridine	3.47	79	356198	20.361	ng		89
4) n-Nitrosodimethylamine	3.39	42	180044	20.137	ng	#	68
6) Aniline	6.79	93	503006	20.081	ng	#	88
8) 2-Chlorophenol	7.02	128	287559	20.024	ng		83
9) Benzaldehyde	6.60	77	234695	16.904	ng		84
10) Phenol	6.66	94	434140	20.535	ng		98
11) bis(2-Chloroethyl)ether	6.89	93	327943	20.141	ng		95
12) 1,3-Dichlorobenzene	7.33	146	343103	19.333	ng	#	79
13) 1,4-Dichlorobenzene	7.48	146	358849	19.594	ng	#	84
14) 1,2-Dichlorobenzene	7.79	146	346599	19.860	ng	#	91
15) Benzyl Alcohol	7.69	79	391356	20.670	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.99	45	303929	21.530	ng		81
17) 2-Methylphenol	7.89	107	287406	21.020	ng	#	81
18) Hexachloroethane	8.50	117	145891	18.992	ng	#	80
19) n-Nitroso-di-n-propylamine	8.26	70	339879	21.458	ng		90
20) 3+4-Methylphenols	8.22	107	398965	21.003	ng		82
22) Acetophenone	8.26	105	610319	20.316	ng	#	95
24) Nitrobenzene	8.63	77	542829	20.405	ng		90
25) Isophorone	9.16	82	903813	21.254	ng	#	86
26) 2-Nitrophenol	9.34	139	178372	20.150	ng	#	42
27) 2,4-Dimethylphenol	9.40	122	321847	20.371	ng	#	69
28) bis(2-Chloroethoxy)methane	9.65	93	479307	20.107	ng		97
29) 2,4-Dichlorophenol	9.86	162	358031	20.061	ng		92
30) 1,2,4-Trichlorobenzene	10.07	180	422355	19.358	ng		98
31) Naphthalene	10.26	128	994835	19.610	ng		98
32) Benzoic acid	9.53	122	260260	20.995	ng	#	84
33) 4-Chloroaniline	10.37	127	431142	21.094	ng	#	78
34) Hexachlorobutadiene	10.55	225	336924	19.902	ng		98
35) Caprolactam	11.15	113	107440	22.612	ng	#	83
36) 4-Chloro-3-methylphenol	11.50	107	464420	21.513	ng	#	75
37) 2-Methylnaphthalene	11.88	142	753227	20.671	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	588815	18.868	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	325991	18.223	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	368969	19.201	ng		93
43) 2,4,5-Trichlorophenol	12.58	196	377767	19.912	ng	#	89
45) 1,1'-Biphenyl	12.92	154	1194963	19.159	ng		98
46) 2-Chloronaphthalene	12.96	162	887451	19.405	ng	#	93
47) 2-Nitroaniline	13.17	65	312522	20.788	ng	#	73
48) Acenaphthylene	13.82	152	1347689	19.813	ng		99
49) Dimethylphthalate	13.57	163	1244543	20.434	ng	#	98
50) 2,6-Dinitrotoluene	13.69	165	255275	21.368	ng	#	73
51) Acenaphthene	14.16	154	825798	19.868	ng		97
52) 3-Nitroaniline	14.01	138	226371	20.844	ng	#	46
53) 2,4-Dinitrophenol	14.22	184	168237	20.371	ng		90
54) Dibenzofuran	14.50	168	1337997	19.901	ng	#	90
55) 4-Nitrophenol	14.33	139	199198	21.119	ng	#	2
56) 2,4-Dinitrotoluene	14.47	165	350690	21.155	ng		95
57) Fluorene	15.16	166	1160707	20.083	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	359335	20.385	ng	#	100
59) Diethylphthalate	14.95	149	1309051	21.763	ng		100
60) 4-Chlorophenyl-phenylether	15.16	204	713811	20.106	ng		97
61) 4-Nitroaniline	15.18	138	242964	21.404	ng	#	1
62) Azobenzene	15.45	77	1285991	21.054	ng		87
64) 4,6-Dinitro-2-methylphenol	15.24	198	245137	20.023	ng		90
65) n-Nitrosodiphenylamine	15.37	169	1035269	19.487	ng		99
66) 4-Bromophenyl-phenylether	16.06	248	469156	19.939	ng	#	91
67) Hexachlorobenzene	16.16	284	537188	19.965	ng	#	89
68) Atrazine	16.34	200	435292	19.785	ng		97
69) Pentachlorophenol	16.50	266	346792	20.106	ng		98
70) Phenanthrene	16.89	178	1929028	19.972	ng		99
71) Anthracene	16.99	178	1936101	20.193	ng		99
72) Carbazole	17.26	167	1689523	20.008	ng		100
73) Di-n-butylphthalate	17.84	149	2089912	20.920	ng	#	95
74) Fluoranthene	18.92	202	2405875	20.112	ng		99
76) Benzidine	19.12	184	887491	16.290	ng		99
77) Pyrene	19.29	202	2440863	20.681	ng		99
79) Butylbenzylphthalate	20.22	149	844427	20.436	ng	#	75
80) Benzo(a)anthracene	21.05	228	2310363	19.585	ng		100
81) 3,3'-Dichlorobenzidine	21.00	252	858423	18.507	ng	#	97
82) Chrysene	21.10	228	2174272	19.353	ng		98
83) Bis(2-ethylhexyl)phthalate	21.01	149	1168914	19.426	ng		99
84) Di-n-octyl phthalate	21.86	149	1798811	18.246	ng		100
85) Indeno(1,2,3-cd)pyrene	25.30	276	1932998	15.004	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	2127945	20.815	ng	#	92
88) Benzo(k)fluoranthene	22.61	252	1936003	19.827	ng	#	95
89) Benzo(a)pyrene	23.11	252	1818383	19.542	ng	#	96
90) Dibenzo(a,h)anthracene	25.31	278	1596341	17.675	ng	#	91
91) Benzo(g,h,i)perylene	25.94	276	1531179	17.247	ng	#	85

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

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