Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105160.D
Acq On : 8 May 2018 22:32
Operator : JU/SJ
Sample : J2133-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT2-2018

Quant Time: May 09 08:33:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	206554	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	834505	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	416021	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	817901	20.00	ng		0.00
75) Chrysene-d12	14.01	240	694865	20.00	ng		0.00
86) Perylene-d12	15.56	264	636169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1541762	122.97	ng		0.00
7) Phenol-d6	6.42	99	1864236	124.87	ng		0.00
23) Nitrobenzene-d5	7.36	82	1159369	94.16	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	608493	132.57	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	2072563	77.32	ng		0.00
78) Terphenyl-d14	12.91	244	2337697	78.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	50129	7.562	ng		87
3) Pyridine	3.27	79	139648	7.855	ng		91
4) n-Nitrosodimethylamine	3.18	42	62177	6.900	ng	#	84
6) Aniline	6.46	93	178019	8.165	ng		96
8) 2-Chlorophenol	6.57	128	112953	8.493	ng		95
9) Benzaldehyde	6.35	77	60356	5.275	ng		97
10) Phenol	6.43	94	130702	7.867	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	116790	8.529	ng		90
12) 1,3-Dichlorobenzene	6.73	146	144314	9.002	ng		98
13) 1,4-Dichlorobenzene	6.81	146	141520	8.828	ng		99
14) 1,2-Dichlorobenzene	6.96	146	132535	8.963	ng		97
15) Benzyl Alcohol	6.93	79	114297	10.003	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	211889	8.327	ng		96
17) 2-Methylphenol	7.03	107	100267	8.731	ng		99
18) Hexachloroethane	7.30	117	46462	9.007	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	88625	8.966	ng	#	86
20) 3+4-Methylphenols	7.19	107	131662	9.756	ng		96
22) Acetophenone	7.20	105	182664	9.391	ng		95
24) Nitrobenzene	7.37	77	129613	9.284	ng		97
25) Isophorone	7.61	82	218418	7.932	ng		98
26) 2-Nitrophenol	7.69	139	47056	16.608	ng		96
27) 2,4-Dimethylphenol	7.72	122	87186	7.125	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	138760	8.165	ng		97
29) 2,4-Dichlorophenol	7.92	162	96327	8.414	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	118909	9.006	ng		98
31) Naphthalene	8.09	128	363736	9.052	ng		99
32) Benzoic acid	7.79	122	58674	16.814	ng		96
33) 4-Chloroaniline	8.14	127	141712	8.481	ng		96
34) Hexachlorobutadiene	8.21	225	71328	9.325	ng		97
35) Caprolactam	8.47	113	28508	8.199	ng	#	77
36) 4-Chloro-3-methylphenol	8.61	107	98012	8.223	ng		96
37) 2-Methylnaphthalene	8.78	142	252075	9.000	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	121768	9.198	ng		97
40) Hexachlorocyclopentadiene	8.94	237	55730	7.785	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	66220	8.199	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	75757	8.976	ng		90
45) 1,1'-Biphenyl	9.25	154	329929	9.734	ng		98
46) 2-Chloronaphthalene	9.27	162	238964	9.433	ng		94
47) 2-Nitroaniline	9.36	65	60790	13.124	ng		86
48) Acenaphthylene	9.69	152	366288	9.361	ng		99
49) Dimethylphthalate	9.55	163	272025	9.659	ng		99
50) 2,6-Dinitrotoluene	9.60	165	54144	8.860	ng		90
51) Acenaphthene	9.86	154	238238	9.448	ng		97
52) 3-Nitroaniline	9.77	138	59323	9.216	ng		99
53) 2,4-Dinitrophenol	9.87	184	12129	16.434	ng	#	21
54) Dibenzofuran	10.03	168	331000	8.974	ng		100
55) 4-Nitrophenol	9.92	139	40300	10.883	ng		88
56) 2,4-Dinitrotoluene	10.00	165	70114	11.589	ng		98
57) Fluorene	10.37	166	261193	9.656	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	61585	8.175	ng	#	89
59) Diethylphthalate	10.25	149	270754	9.782	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	126289	10.029	ng		91
61) 4-Nitroaniline	10.38	138	54129	8.451	ng		99
62) Azobenzene	10.53	77	260123	9.009	ng		96
64) 4,6-Dinitro-2-methylphenol	10.41	198	26005	17.183	ng		88
65) n-Nitrosodiphenylamine	10.49	169	231825	9.093	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	77058	8.834	ng	#	90
67) Hexachlorobenzene	10.92	284	92725	9.225	ng	#	88
68) Atrazine	11.01	200	47542	5.950	ng		95
69) Pentachlorophenol	11.11	266	49438	11.222	ng		96
70) Phenanthrene	11.33	178	396192	9.188	ng		98
71) Anthracene	11.39	178	389711	8.895	ng		99
72) Carbazole	11.54	167	370118	9.375	ng		98
73) Di-n-butylphthalate	11.87	149	400111	9.475	ng		99
74) Fluoranthene	12.52	202	408438	9.090	ng		98
76) Benzidine	12.65	184	82860	3.193	ng	#	92
77) Pyrene	12.75	202	428398	8.476	ng		100
79) Butylbenzylphthalate	13.40	149	140408	13.482	ng		96
80) Benzo(a)anthracene	13.99	228	368032	8.733	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	110973	7.004	ng		96
82) Chrysene	14.03	228	372567	8.585	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	199480	9.546	ng		98
84) Di-n-octyl phthalate	14.69	149	279296	12.831	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	259787	7.554	ng		94
87) Benzo(b)fluoranthene	15.13	252	317494	8.158	ng		97
88) Benzo(k)fluoranthene	15.16	252	343799	9.110	ng	#	95
89) Benzo(a)pyrene	15.49	252	287887	8.133	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	219300	7.977	ng	#	95
91) Benzo(g,h,i)perylene	17.43	276	211101	7.849	ng	#	93

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

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