Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105156.D
Acq On : 8 May 2018 20:46
Operator : JU/SJ
Sample : J2133-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Manual Integrations APPROVED
Sohil
5/9/2018 6:50:55 PM

Quant Time: May 09 17:05:17 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	207748	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	839541	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	413689	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	797199	20.00	ng		0.00
75) Chrysene-d12	14.00	240	666381	20.00	ng		-0.02
86) Perylene-d12	15.53	264	633676	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1490927	118.23	ng		0.00
7) Phenol-d6	6.42	99	1798758	119.80	ng		0.00
23) Nitrobenzene-d5	7.36	82	1132498	91.42	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	570283	124.95	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	2016813	75.67	ng		0.00
78) Terphenyl-d14	12.91	244	2206650	76.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	130785	19.616	ng		92
3) Pyridine	3.25	79	345420	19.318	ng		85
4) n-Nitrosodimethylamine	3.18	42	155202	17.125	ng		89
6) Aniline	6.46	93	439588	20.046	ng		95
8) 2-Chlorophenol	6.57	128	270240	20.202	ng		92
9) Benzaldehyde	6.35	77	158948	13.811	ng		98
10) Phenol	6.43	94	326855	19.560	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	272990	19.822	ng		94
12) 1,3-Dichlorobenzene	6.73	146	338623	21.001	ng		100
13) 1,4-Dichlorobenzene	6.81	146	339506	21.057	ng		98
14) 1,2-Dichlorobenzene	6.96	146	311217	20.925	ng		99
15) Benzyl Alcohol	6.93	79	253237	22.036	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	506993	19.810	ng		97
17) 2-Methylphenol	7.04	107	240774	20.846	ng		99
18) Hexachloroethane	7.30	117	115174	22.198	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	212173	21.342	ng		90
20) 3+4-Methylphenols	7.19	107	313194	23.075	ng		92
22) Acetophenone	7.20	105	422349	21.582	ng	#	97
24) Nitrobenzene	7.37	77	310001	22.071	ng		94
25) Isophorone	7.61	82	531277	19.177	ng		98
26) 2-Nitrophenol	7.69	139	127036	27.858	ng		98
27) 2,4-Dimethylphenol	7.72	122	219363	17.818	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	327815	19.174	ng		99
29) 2,4-Dichlorophenol	7.92	162	232258	20.166	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	283069	21.310	ng		98
31) Naphthalene	8.10	128	838226	20.736	ng		100
32) Benzoic acid	7.82	122	171142m	29.932	ng		
33) 4-Chloroaniline	8.15	127	345731	20.568	ng		99
34) Hexachlorobutadiene	8.22	225	169011	21.963	ng		98
35) Caprolactam	8.50	113	73603	21.042	ng	#	76
36) 4-Chloro-3-methylphenol	8.62	107	241883	20.171	ng		95
37) 2-Methylnaphthalene	8.79	142	573100	20.340	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	278560	21.161	ng		98
40) Hexachlorocyclopentadiene	8.94	237	145058	20.378	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	164987	20.542	ng		95
43) 2,4,5-Trichlorophenol	9.09	196	187504	22.343	ng		95
45) 1,1'-Biphenyl	9.25	154	741047	21.986	ng		98
46) 2-Chloronaphthalene	9.27	162	546180	21.681	ng		97
47) 2-Nitroaniline	9.37	65	160763	25.279	ng		91
48) Acenaphthylene	9.69	152	855038	21.976	ng		99
49) Dimethylphthalate	9.55	163	625248	22.326	ng		100
50) 2,6-Dinitrotoluene	9.61	165	135254	22.257	ng		96
51) Acenaphthene	9.86	154	548198	21.862	ng		99
52) 3-Nitroaniline	9.78	138	147099	22.981	ng		97
53) 2,4-Dinitrophenol	9.88	184	40545	29.625	ng	#	19
54) Dibenzofuran	10.03	168	759374	20.703	ng		98
55) 4-Nitrophenol	9.92	139	109170	22.233	ng		88
56) 2,4-Dinitrotoluene	10.01	165	177789	23.959	ng		94
57) Fluorene	10.37	166	578789	21.517	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	148199	19.783	ng	#	88
59) Diethylphthalate	10.25	149	636056	23.110	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	279314	22.306	ng		92
61) 4-Nitroaniline	10.39	138	142702	22.404	ng		97
62) Azobenzene	10.53	77	593733	20.679	ng		95
64) 4,6-Dinitro-2-methylphenol	10.42	198	75979	31.647	ng		87
65) n-Nitrosodiphenylamine	10.49	169	526778	21.198	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	180355	21.213	ng		92
67) Hexachlorobenzene	10.92	284	209449	21.380	ng	#	84
68) Atrazine	11.01	200	104522	13.420	ng		97
69) Pentachlorophenol	11.11	266	123633	23.740	ng		98
70) Phenanthrene	11.34	178	886225	21.086	ng		99
71) Anthracene	11.39	178	897234	21.010	ng		100
72) Carbazole	11.55	167	835679	21.716	ng		98
73) Di-n-butylphthalate	11.88	149	961225	23.354	ng		99
74) Fluoranthene	12.53	202	933609	21.318	ng		95
76) Benzidine	12.65	184	275891m	11.087	ng		
77) Pyrene	12.76	202	977620	20.170	ng		99
79) Butylbenzylphthalate	13.39	149	373846	25.174	ng		99
80) Benzo(a)anthracene	13.98	228	818811	20.260	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	294533	19.385	ng	#	95
82) Chrysene	14.02	228	856103	20.569	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	492584	24.581	ng		99
84) Di-n-octyl phthalate	14.66	149	787904	24.279	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	675573	20.483	ng		94
87) Benzo(b)fluoranthene	15.10	252	790346m	20.387	ng		
88) Benzo(k)fluoranthene	15.13	252	798785	21.249	ng	#	96
89) Benzo(a)pyrene	15.46	252	708149	20.084	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	556982	20.339	ng		96
91) Benzo(g,h,i)perylene	17.40	276	541314	20.205	ng	#	93

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

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