Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103191.D
Acq On : 23 Feb 2018 11:32
Operator : SJ/JU
Sample : J1161-03
Misc : MDL-S-2ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/26/2018 9:54:31 AM

Quant Time: Feb 23 12:48:04 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	181542	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	796780	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	375620	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	660654	20.00	ng		0.00
75) Chrysene-d12	14.04	240	485704	20.00	ng		0.00
86) Perylene-d12	15.54	264	469827	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1326082	110.48	ng		0.00
7) Phenol-d6	6.50	99	1623111	110.51	ng		0.00
23) Nitrobenzene-d5	7.44	82	1225935	87.87	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	367056	115.45	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1815005	82.69	ng		0.00
78) Terphenyl-d14	12.99	244	1494371	73.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	11511	1.816	ng	#	85
3) Pyridine	3.64	79	31864m	1.883	ng		
4) n-Nitrosodimethylamine	3.45	42	12440m	1.822	ng		
6) Aniline	6.54	93	44939	2.120	ng		96
8) 2-Chlorophenol	6.66	128	27210	2.182	ng		93
9) Benzaldehyde	6.43	77	15470	0.854	ng		95
10) Phenol	6.52	94	37606	2.205	ng		90
11) bis(2-Chloroethyl)ether	6.60	93	29409	2.272	ng		93
12) 1,3-Dichlorobenzene	6.81	146	31721	2.226	ng		98
13) 1,4-Dichlorobenzene	6.89	146	32465	2.272	ng		96
14) 1,2-Dichlorobenzene	7.04	146	29634	2.250	ng		96
15) Benzyl Alcohol	7.01	79	41248	3.727	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	49144	2.211	ng		96
17) 2-Methylphenol	7.12	107	24961	2.203	ng		96
18) Hexachloroethane	7.38	117	11648	2.240	ng		92
19) n-Nitroso-di-n-propylamine	7.27	70	23898	2.614	ng	#	95
20) 3+4-Methylphenols	7.28	107	32792	2.374	ng	#	53
22) Acetophenone	7.27	105	45574	2.450	ng	#	91
24) Nitrobenzene	7.45	77	36406	2.370	ng		97
25) Isophorone	7.69	82	58162	2.117	ng		98
26) 2-Nitrophenol	7.77	139	13245	1.832	ng	#	86
27) 2,4-Dimethylphenol	7.80	122	21577	1.952	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	35953	2.225	ng		99
29) 2,4-Dichlorophenol	8.02	162	20835	1.969	ng		94
30) 1,2,4-Trichlorobenzene	8.09	180	24403	2.165	ng		98
31) Naphthalene	8.17	128	90285	2.314	ng		98
32) Benzoic acid	7.89	122	8130m	7.762	ng		
33) 4-Chloroaniline	8.23	127	33406	1.985	ng		95
34) Hexachlorobutadiene	8.29	225	12926	2.203	ng		96
35) Caprolactam	8.56	113	7311m	1.966	ng		
36) 4-Chloro-3-methylphenol	8.70	107	25040	2.098	ng		94
37) 2-Methylnaphthalene	8.86	142	60092	2.384	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	22431	2.184	ng		99
40) Hexachlorocyclopentadiene	9.02	237	459	8.994	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	13555	1.962	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	13348	1.680	ng		95
45) 1,1'-Biphenyl	9.33	154	80095	2.545	ng		96
46) 2-Chloronaphthalene	9.36	162	55451	2.227	ng		97
47) 2-Nitroaniline	9.45	65	18068	1.959	ng	#	80
48) Acenaphthylene	9.77	152	87552	2.285	ng		99
49) Dimethylphthalate	9.62	163	67866	2.252	ng	#	99
50) 2,6-Dinitrotoluene	9.69	165	13181	2.084	ng	#	81
51) Acenaphthene	9.94	154	53272	2.385	ng		97
52) 3-Nitroaniline	9.87	138	14465	1.803	ng		94
53) 2,4-Dinitrophenol	10.00	184	286	9.731	ng	#	18
54) Dibenzofuran	10.12	168	77305	2.521	ng		98
55) 4-Nitrophenol	10.05	139	4795	0.964	ng		91
56) 2,4-Dinitrotoluene	10.10	165	15744	1.969	ng		94
57) Fluorene	10.46	166	62534	2.394	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	10218	1.914	ng	#	92
59) Diethylphthalate	10.32	149	67342	2.337	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	26370	2.380	ng		95
61) 4-Nitroaniline	10.47	138	14079	1.757	ng		97
62) Azobenzene	10.60	77	68124	2.322	ng		93
64) 4,6-Dinitro-2-methylphenol	10.52	198	3177	5.654	ng		88
65) n-Nitrosodiphenylamine	10.56	169	51795	2.252	ng		96
66) 4-Bromophenyl-phenylether	10.94	248	14857	2.159	ng		93
67) Hexachlorobenzene	11.00	284	16111	2.157	ng	#	85
68) Atrazine	11.09	200	13811	1.998	ng		99
69) Pentachlorophenol	11.22	266	4393	1.216	ng		91
70) Phenanthrene	11.42	178	87965	2.419	ng		95
71) Anthracene	11.47	178	85982	2.306	ng		99
72) Carbazole	11.63	167	82862	2.232	ng		98
73) Di-n-butylphthalate	11.95	149	104579	2.251	ng		97
74) Fluoranthene	12.62	202	83419	2.283	ng		98
76) Benzidine	12.73	184	18487	1.018	ng	#	91
77) Pyrene	12.84	202	87282	2.305	ng		99
79) Butylbenzylphthalate	13.45	149	39194	1.959	ng		93
80) Benzo(a)anthracene	14.03	228	65146	2.067	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	22580	2.008	ng		98
82) Chrysene	14.07	228	68109	2.226	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	57444	2.128	ng	#	100
84) Di-n-octyl phthalate	14.63	149	89389	2.049	ng		95
85) Indeno(1,2,3-cd)pyrene	17.04	276	54853	2.264	ng		96
87) Benzo(b)fluoranthene	15.10	252	59845	1.937	ng		97
88) Benzo(k)fluoranthene	15.13	252	64491	2.217	ng		98
89) Benzo(a)pyrene	15.47	252	55494	2.012	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	44591	2.092	ng	#	91
91) Benzo(g,h,i)perylene	17.50	276	46637	2.239	ng	#	92

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

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