Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104641.D
Acq On : 19 Apr 2018 21:11
Operator : JU/SJ
Sample : J2457-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS001-01MS

Manual Integrations APPROVED
Sohil
4/20/2018 3:05:31 PM

Quant Time: Apr 20 01:47:54 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114238	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	426389	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	160019	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	262948	20.00	ng		0.00
75) Chrysene-d12	13.98	240	268978	20.00	ng		0.00
86) Perylene-d12	15.44	264	236333	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	661728	88.57	ng		0.01
7) Phenol-d6	6.45	99	770431	83.93	ng		0.00
23) Nitrobenzene-d5	7.37	82	474337	72.64	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	148226	89.30	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	675759	66.71	ng		0.00
78) Terphenyl-d14	12.92	244	612201	51.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	98584	28.319	ng		89
3) Pyridine	3.30	79	264512	27.025	ng	#	86
4) n-Nitrosodimethylamine	3.25	42	101723	29.731	ng	#	75
6) Aniline	6.47	93	161997	12.702	ng	#	89
8) 2-Chlorophenol	6.59	128	235700	29.890	ng		96
9) Benzaldehyde	6.36	77	128266	24.177	ng		94
10) Phenol	6.46	94	317084	32.555	ng		95
11) bis(2-Chloroethyl)ether	6.54	93	234535	30.175	ng		95
12) 1,3-Dichlorobenzene	6.75	146	248994	27.872	ng		99
13) 1,4-Dichlorobenzene	6.82	146	253974	28.520	ng		100
14) 1,2-Dichlorobenzene	6.97	146	236290	28.633	ng		98
15) Benzyl Alcohol	6.95	79	189252	27.144	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	280037	26.828	ng		88
17) 2-Methylphenol	7.06	107	188934	27.563	ng		97
18) Hexachloroethane	7.32	117	69269	21.817	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	152598	25.439	ng		93
20) 3+4-Methylphenols	7.22	107	233360	27.450	ng		93
22) Acetophenone	7.21	105	310650	29.593	ng		99
24) Nitrobenzene	7.39	77	231418	32.099	ng		98
25) Isophorone	7.63	82	406803	29.461	ng		99
26) 2-Nitrophenol	7.70	139	113081	38.529	ng		95
27) 2,4-Dimethylphenol	7.75	122	190548	31.268	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	273430	32.387	ng		98
29) 2,4-Dichlorophenol	7.95	162	171781	29.543	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	179894	28.191	ng		99
31) Naphthalene	8.11	128	606696	28.575	ng		100
33) 4-Chloroaniline	8.16	127	105496	11.598	ng		97
34) Hexachlorobutadiene	8.22	225	93956	26.881	ng		99
35) Caprolactam	8.51	113	50531	24.911	ng	#	82
36) 4-Chloro-3-methylphenol	8.65	107	168794	27.073	ng		97
37) 2-Methylnaphthalene	8.80	142	375256	27.324	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	152238	33.235	ng		98
40) Hexachlorocyclopentadiene	8.95	237	14656	5.715	ng		99
42) 2,4,6-Trichlorophenol	9.08	196	103938	32.687	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	106544	29.942	ng		95
45) 1,1'-Biphenyl	9.26	154	418933	31.164	ng		99
46) 2-Chloronaphthalene	9.29	162	322949	30.415	ng		97
47) 2-Nitroaniline	9.39	65	99728	37.979	ng		98
48) Acenaphthylene	9.70	152	472653	28.372	ng		100
49) Dimethylphthalate	9.56	163	495881	39.297	ng		100
50) 2,6-Dinitrotoluene	9.63	165	80202	34.348	ng		97
51) Acenaphthene	9.87	154	271515	26.712	ng		100
52) 3-Nitroaniline	9.80	138	67656	24.750	ng		99
53) 2,4-Dinitrophenol	9.91	184	2226	8.548	ng	#	26
54) Dibenzofuran	10.05	168	403240	28.467	ng		99
55) 4-Nitrophenol	9.97	139	123189	57.370	ng		93
56) 2,4-Dinitrotoluene	10.03	165	96041	31.357	ng	#	94
57) Fluorene	10.39	166	302416	29.331	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	77415	29.162	ng		97
59) Diethylphthalate	10.26	149	353879	28.158	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	140238	30.541	ng		98
61) 4-Nitroaniline	10.41	138	77889	29.142	ng		96
62) Azobenzene	10.55	77	303758	25.299	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	7856	12.543	ng	#	78
65) n-Nitrosodiphenylamine	10.50	169	278971	30.599	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	83299	29.782	ng		91
67) Hexachlorobenzene	10.94	284	89579	28.464	ng		93
68) Atrazine	11.03	200	86531	31.443	ng		99
69) Pentachlorophenol	11.14	266	82646	42.448	ng		97
70) Phenanthrene	11.36	178	423471	28.919	ng		99
71) Anthracene	11.41	178	431192	28.968	ng		99
72) Carbazole	11.57	167	432183	29.713	ng		98
73) Di-n-butylphthalate	11.89	149	490652	27.614	ng		99
74) Fluoranthene	12.55	202	470561	30.757	ng		99
76) Benzidine	12.67	184	188159	16.520	ng		98
77) Pyrene	12.77	202	480357	24.093	ng		99
79) Butylbenzylphthalate	13.39	149	229584	24.442	ng		99
80) Benzo(a)anthracene	13.97	228	477065	29.688	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	149944	25.027	ng	#	98
82) Chrysene	14.00	228	456152	27.637	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	349462	28.925	ng		99
84) Di-n-octyl phthalate	14.57	149	621991	30.811	ng		95
85) Indeno(1,2,3-cd)pyrene	16.90	276	345892	24.669	ng		97
87) Benzo(b)fluoranthene	15.02	252	417102	27.944	ng		98
88) Benzo(k)fluoranthene	15.04	252	417174	29.604	ng		99
89) Benzo(a)pyrene	15.38	252	378499	28.341	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	296643	27.044	ng		98
91) Benzo(g,h,i)perylene	17.33	276	265247	24.960	ng		97

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

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