Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104361.D
Acq On : 9 Apr 2018 10:27
Operator : JU/SJ
Sample : J2275-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-NARANJITO-S002-0001-01MS

Manual Integrations APPROVED
Sohil
4/10/2018 12:00:05 PM

Quant Time: Apr 10 01:24:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147475	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	611825	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	284338	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	516820	20.00	ng		0.00
75) Chrysene-d12	13.97	240	320924	20.00	ng		0.00
86) Perylene-d12	15.43	264	297563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1081085	112.09	ng		0.02
7) Phenol-d6	6.44	99	1365015	115.19	ng		0.01
23) Nitrobenzene-d5	7.37	82	837787	89.41	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	342493	116.12	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1344572	74.70	ng		0.00
78) Terphenyl-d14	12.92	244	1257509	89.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	131822	29.332	ng		89
3) Pyridine	3.32	79	370592	29.330	ng		87
4) n-Nitrosodimethylamine	3.26	42	153963	34.858	ng	#	78
6) Aniline	6.47	93	140460	8.531	ng		98
8) 2-Chlorophenol	6.59	128	358396	35.207	ng		92
9) Benzaldehyde	6.35	77	105226	13.789	ng		98
10) Phenol	6.45	94	471649	37.511	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	341068	33.992	ng		95
12) 1,3-Dichlorobenzene	6.75	146	372423	32.293	ng		99
13) 1,4-Dichlorobenzene	6.82	146	377093	32.802	ng		100
14) 1,2-Dichlorobenzene	6.97	146	347491	32.618	ng		99
15) Benzyl Alcohol	6.95	79	310111	34.454	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	443064	32.880	ng		94
17) 2-Methylphenol	7.06	107	304619	34.425	ng		98
18) Hexachloroethane	7.32	117	137138	33.458	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	242903	31.368	ng		93
20) 3+4-Methylphenols	7.21	107	359034	32.715	ng	#	76
22) Acetophenone	7.22	105	477517	31.702	ng		99
24) Nitrobenzene	7.39	77	372070	35.967	ng		94
25) Isophorone	7.63	82	682983	34.470	ng		99
26) 2-Nitrophenol	7.70	139	191322	45.430	ng		95
27) 2,4-Dimethylphenol	7.74	122	321348	36.749	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	441148	36.416	ng		99
29) 2,4-Dichlorophenol	7.95	162	297902	35.705	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	298120	32.558	ng		98
31) Naphthalene	8.11	128	1012711	33.241	ng		99
32) Benzoic acid	7.79	122	14875	2.132	ng		98
33) 4-Chloroaniline	8.16	127	81447	6.240	ng		96
34) Hexachlorobutadiene	8.23	225	157707	31.444	ng		98
35) Caprolactam	8.53	113	91390m	31.399	ng		
36) 4-Chloro-3-methylphenol	8.64	107	327336	36.589	ng		99
37) 2-Methylnaphthalene	8.80	142	673977	34.201	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	273784	33.637	ng		99
40) Hexachlorocyclopentadiene	8.95	237	287471	63.087	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	205180	36.313	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	219334	34.689	ng		98
45) 1,1'-Biphenyl	9.27	154	788585	33.014	ng		99
46) 2-Chloronaphthalene	9.29	162	620174	32.870	ng		99
47) 2-Nitroaniline	9.39	65	192781	41.317	ng		97
48) Acenaphthylene	9.71	152	953788	32.220	ng		100
49) Dimethylphthalate	9.57	163	891881	39.777	ng		99
50) 2,6-Dinitrotoluene	9.63	165	168997	40.732	ng	#	88
51) Acenaphthene	9.88	154	624758	34.591	ng		100
52) 3-Nitroaniline	9.79	138	93594	19.269	ng		99
53) 2,4-Dinitrophenol	9.90	184	100005	64.432	ng	#	23
54) Dibenzofuran	10.05	168	855159	33.975	ng		98
55) 4-Nitrophenol	9.96	139	309044	80.997	ng		99
56) 2,4-Dinitrotoluene	10.03	165	227760	41.850	ng		95
57) Fluorene	10.39	166	632023	34.498	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	177961	37.727	ng		96
59) Diethylphthalate	10.27	149	727630	32.584	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	281627	34.517	ng		99
61) 4-Nitroaniline	10.42	138	170721	35.947	ng		96
62) Azobenzene	10.55	77	698702	32.749	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	103878	42.300	ng		84
65) n-Nitrosodiphenylamine	10.51	169	597628	33.351	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	183344	33.352	ng		98
67) Hexachlorobenzene	10.94	284	200584	32.427	ng		92
68) Atrazine	11.03	200	194804	36.015	ng		100
69) Pentachlorophenol	11.13	266	230178	60.150	ng		96
70) Phenanthrene	11.36	178	933886	32.448	ng		99
71) Anthracene	11.41	178	964487	32.966	ng		100
72) Carbazole	11.56	167	897028	31.377	ng		100
73) Di-n-butylphthalate	11.90	149	1112340	31.851	ng		99
74) Fluoranthene	12.54	202	912993	30.361	ng		98
76) Benzidine	12.67	184	125508	7.183	ng		99
77) Pyrene	12.77	202	897432	37.726	ng		99
79) Butylbenzylphthalate	13.40	149	422400	37.691	ng		98
80) Benzo(a)anthracene	13.96	228	627973	32.754	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	90994	12.729	ng		97
82) Chrysene	14.00	228	631090	32.047	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	523246	36.299	ng		100
84) Di-n-octyl phthalate	14.57	149	835967	34.708	ng		96
85) Indeno(1,2,3-cd)pyrene	16.87	276	700526	41.875	ng		97
87) Benzo(b)fluoranthene	15.01	252	559216	29.756	ng		97
88) Benzo(k)fluoranthene	15.04	252	574531	32.381	ng		99
89) Benzo(a)pyrene	15.37	252	557811	33.172	ng		98
90) Dibenzo(a,h)anthracene	16.90	278	583564	42.255	ng		98
91) Benzo(g,h,i)perylene	17.32	276	604926	45.211	ng		96

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

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