Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104794.D
Acq On : 25 Apr 2018 17:40
Operator : JU/SJ
Sample : J2520-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8_0.0-0.5MS

Manual Integrations APPROVED
Sohil
4/26/2018 6:09:43 PM

Quant Time: Apr 26 11:37:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120256	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	494395	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	216782	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	344962	20.00	ng		0.00
75) Chrysene-d12	13.99	240	203586	20.00	ng		0.00
86) Perylene-d12	15.46	264	185431	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	945843	120.26	ng		0.01
7) Phenol-d6	6.45	99	1175826	121.68	ng		0.00
23) Nitrobenzene-d5	7.37	82	769518	101.64	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	262990	116.95	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1245735	90.78	ng		0.00
78) Terphenyl-d14	12.92	244	889783	99.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	107786	29.413	ng		88
3) Pyridine	3.30	79	291259	28.268	ng		87
4) n-Nitrosodimethylamine	3.26	42	129249	35.886	ng	#	83
6) Aniline	6.47	93	136175	10.143	ng	#	1
8) 2-Chlorophenol	6.59	128	334387	40.283	ng		94
9) Benzaldehyde	6.35	77	147128	27.007	ng		95
10) Phenol	6.46	94	392288	38.261	ng		90
11) bis(2-Chloroethyl)ether	6.54	93	310679	37.971	ng		96
12) 1,3-Dichlorobenzene	6.74	146	347550	36.957	ng		98
13) 1,4-Dichlorobenzene	6.82	146	355984	37.975	ng		99
14) 1,2-Dichlorobenzene	6.97	146	327685	37.721	ng		98
15) Benzyl Alcohol	6.95	79	274739	37.433	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	359191	32.689	ng		53
17) 2-Methylphenol	7.07	107	264178	36.612	ng	#	89
18) Hexachloroethane	7.31	117	119731	35.823	ng		100
19) n-Nitroso-di-n-propylamine	7.22	70	219676	34.789	ng		92
20) 3+4-Methylphenols	7.22	107	324880	36.303	ng	#	82
22) Acetophenone	7.22	105	457641	37.599	ng		98
24) Nitrobenzene	7.39	77	339330	40.593	ng		98
25) Isophorone	7.63	82	614851	38.403	ng		99
26) 2-Nitrophenol	7.70	139	181784	53.417	ng		97
27) 2,4-Dimethylphenol	7.75	122	264488	37.431	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	403642	41.234	ng		98
29) 2,4-Dichlorophenol	7.95	162	278980	41.379	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	283660	38.337	ng		99
31) Naphthalene	8.11	128	989467	40.192	ng		99
32) Benzoic acid	7.87	122	123763	21.952	ng		98
33) 4-Chloroaniline	8.16	127	78355	7.429	ng		97
34) Hexachlorobutadiene	8.22	225	153150	37.789	ng		100
35) Caprolactam	8.54	113	91245m	38.795	ng		
36) 4-Chloro-3-methylphenol	8.66	107	300977	41.633	ng		99
37) 2-Methylnaphthalene	8.80	142	638242	40.080	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	264067	42.553	ng		99
40) Hexachlorocyclopentadiene	8.95	237	51919	14.945	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	185006	42.947	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	196013	40.662	ng		95
45) 1,1'-Biphenyl	9.27	154	719191	39.492	ng		98
46) 2-Chloronaphthalene	9.29	162	562694	39.118	ng		100
47) 2-Nitroaniline	9.39	65	172836	48.586	ng		99
48) Acenaphthylene	9.71	152	885173	39.221	ng		100
49) Dimethylphthalate	9.57	163	862009	50.425	ng		100
50) 2,6-Dinitrotoluene	9.64	165	146035	46.166	ng		90
51) Acenaphthene	9.88	154	538939	39.138	ng		100
52) 3-Nitroaniline	9.80	138	99271	26.807	ng		99
53) 2,4-Dinitrophenol	9.92	184	32606	35.441	ng	#	20
54) Dibenzofuran	10.05	168	757122	39.454	ng		96
55) 4-Nitrophenol	9.99	139	203328	69.897	ng		97
56) 2,4-Dinitrotoluene	10.05	165	175839	42.379	ng	#	95
57) Fluorene	10.40	166	617962	44.242	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	138145	38.412	ng		96
59) Diethylphthalate	10.27	149	657983	38.647	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	264155	42.465	ng		98
61) 4-Nitroaniline	10.42	138	139559	38.543	ng		100
62) Azobenzene	10.54	77	548486	33.720	ng		93
64) 4,6-Dinitro-2-methylphenol	10.46	198	31458	23.206	ng		79
65) n-Nitrosodiphenylamine	10.51	169	507703	42.448	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	156484	42.647	ng		96
67) Hexachlorobenzene	10.94	284	162362	39.325	ng	#	91
68) Atrazine	11.04	200	161406	44.707	ng		99
69) Pentachlorophenol	11.14	266	129352	50.642	ng		97
70) Phenanthrene	11.37	178	1829154	95.215	ng		99
71) Anthracene	11.42	178	978183	50.091	ng		100
72) Carbazole	11.57	167	742246	38.897	ng		99
73) Di-n-butylphthalate	11.89	149	902783	38.730	ng		99
74) Fluoranthene	12.56	202	2001104	99.699	ng		98
77) Pyrene	12.79	202	1855130	122.934	ng		99
79) Butylbenzylphthalate	13.39	149	301865	42.460	ng		98
80) Benzo(a)anthracene	13.98	228	1230819	101.198	ng		98
81) 3,3'-Dichlorobenzidine	13.94	252	98275	21.671	ng		98
82) Chrysene	14.02	228	1067408	85.443	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	429155	46.931	ng		99
84) Di-n-octyl phthalate	14.57	149	679290	44.458	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.93	276	619978	58.420	ng	#	92
87) Benzo(b)fluoranthene	15.04	252	1151833	98.351	ng		97
88) Benzo(k)fluoranthene	15.06	252	657262	59.445	ng		98
89) Benzo(a)pyrene	15.40	252	871526	83.170	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	364582	42.362	ng		97
91) Benzo(g,h,i)perylene	17.37	276	525415	63.014	ng		95

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

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