Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103760.D
Acq On : 19 Mar 2018 17:22
Operator : JU/SJ
Sample : PB107477BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107477BS

Manual Integrations APPROVED
Sohil
3/20/2018 6:26:32 PM

Quant Time: Mar 20 09:02:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160300	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	657361	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	308869	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	569801	20.00	ng		0.01
75) Chrysene-d12	14.16	240	441046	20.00	ng		0.01
86) Perylene-d12	15.70	264	366384	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1191891	113.09	ng		0.02
7) Phenol-d6	6.60	99	1485933	115.24	ng		0.01
23) Nitrobenzene-d5	7.54	82	932841	98.96	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	367640	138.44	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1589536	82.09	ng		0.00
78) Terphenyl-d14	13.10	244	1581732	83.24	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	182408	35.149	ng	#	90
3) Pyridine	3.67	79	497568	34.859	ng		86
4) n-Nitrosodimethylamine	3.63	42	197485	37.523	ng	#	77
6) Aniline	6.63	93	391038	21.239	ng		97
8) 2-Chlorophenol	6.76	128	457834	41.469	ng		98
9) Benzaldehyde	6.52	77	155766	18.388	ng		100
10) Phenol	6.61	94	544828	39.765	ng		97
11) bis(2-Chloroethyl)ether	6.70	93	445114	39.354	ng		97
12) 1,3-Dichlorobenzene	6.92	146	476198	37.870	ng		98
13) 1,4-Dichlorobenzene	6.99	146	481403	38.099	ng		100
14) 1,2-Dichlorobenzene	7.15	146	443546	37.829	ng		97
15) Benzyl Alcohol	7.11	79	395766	39.615	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	600713	37.341	ng		94
17) 2-Methylphenol	7.22	107	393800	40.054	ng		99
18) Hexachloroethane	7.48	117	179375	40.358	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	303102	36.681	ng		94
20) 3+4-Methylphenols	7.37	107	474552	38.034	ng		89
22) Acetophenone	7.38	105	604707	35.793	ng	#	93
24) Nitrobenzene	7.56	77	481394	43.499	ng		94
25) Isophorone	7.79	82	888846	40.732	ng		100
26) 2-Nitrophenol	7.87	139	254216	57.941	ng		94
27) 2,4-Dimethylphenol	7.90	122	433893	46.414	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	563501	42.645	ng		99
29) 2,4-Dichlorophenol	8.11	162	380455	44.733	ng		95
30) 1,2,4-Trichlorobenzene	8.19	180	388028	39.336	ng		99
31) Naphthalene	8.28	128	1295585	39.016	ng		100
32) Benzoic acid	8.00	122	171891m	30.587	ng		
33) 4-Chloroaniline	8.32	127	136128	9.771	ng		97
34) Hexachlorobutadiene	8.39	225	204845	37.875	ng		99
35) Caprolactam	8.70	113	124076m	42.366	ng		
36) 4-Chloro-3-methylphenol	8.80	107	414069	44.162	ng		98
37) 2-Methylnaphthalene	8.97	142	856770	40.686	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	347160	39.398	ng		99
40) Hexachlorocyclopentadiene	9.12	237	425255	93.527	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	265032	47.023	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	277222	43.578	ng		95
45) 1,1'-Biphenyl	9.43	154	986531	38.304	ng		100
46) 2-Chloronaphthalene	9.46	162	798529	39.036	ng		98
47) 2-Nitroaniline	9.55	65	255355	47.758	ng		98
48) Acenaphthylene	9.88	152	1216441	38.348	ng		100
49) Dimethylphthalate	9.73	163	951988	40.398	ng		99
50) 2,6-Dinitrotoluene	9.79	165	219920	48.223	ng		98
51) Acenaphthene	10.05	154	807108	42.851	ng		99
52) 3-Nitroaniline	9.96	138	144192	28.110	ng		98
53) 2,4-Dinitrophenol	10.07	184	164701	98.832	ng	#	16
54) Dibenzofuran	10.22	168	1088066	40.447	ng		98
55) 4-Nitrophenol	10.12	139	402651	92.500	ng		96
56) 2,4-Dinitrotoluene	10.20	165	298117	51.151	ng	#	86
57) Fluorene	10.57	166	823365	39.444	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	226056	50.150	ng		95
59) Diethylphthalate	10.43	149	924704	39.536	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	381639	40.005	ng		99
61) 4-Nitroaniline	10.59	138	239246	45.695	ng		95
62) Azobenzene	10.72	77	892925	37.551	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	124594	55.351	ng		81
65) n-Nitrosodiphenylamine	10.67	169	763356	39.358	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	237408	40.580	ng		93
67) Hexachlorobenzene	11.12	284	262628	39.332	ng	#	89
68) Atrazine	11.20	200	247712	41.288	ng		100
69) Pentachlorophenol	11.31	266	280299	73.017	ng		97
70) Phenanthrene	11.53	178	1200277	38.508	ng		99
71) Anthracene	11.59	178	1236064	39.045	ng		100
72) Carbazole	11.74	167	1160008	37.700	ng		99
73) Di-n-butylphthalate	12.06	149	1439008	38.976	ng		100
74) Fluoranthene	12.73	202	1245920	38.800	ng		98
76) Benzidine	12.84	184	446658	23.745	ng		98
77) Pyrene	12.96	202	1262395	38.975	ng		100
79) Butylbenzylphthalate	13.56	149	614256	42.804	ng		98
80) Benzo(a)anthracene	14.15	228	1121262	40.163	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	206618	22.126	ng		99
82) Chrysene	14.19	228	1047831	39.373	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	856080	41.758	ng		99
84) Di-n-octyl phthalate	14.75	149	1394545	46.757	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	861101	37.051	ng		99
87) Benzo(b)fluoranthene	15.24	252	991915	42.852	ng		98
88) Benzo(k)fluoranthene	15.27	252	885555	39.799	ng		100
89) Benzo(a)pyrene	15.63	252	876128	41.731	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	709355	39.020	ng		100
91) Benzo(g,h,i)perylene	17.76	276	732786	41.434	ng		98

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

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