Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104309.D
Acq On : 6 Apr 2018 16:36
Operator : JU/SJ
Sample : PB108001BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108001BS

Manual Integrations APPROVED
Sohil
4/9/2018 11:18:23 AM

Quant Time: Apr 06 23:22:07 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	130452	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	544188	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	254767	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	461270	20.00	ng		0.00
75) Chrysene-d12	13.97	240	322341	20.00	ng		0.00
86) Perylene-d12	15.42	264	253802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1045325	122.52	ng		0.02
7) Phenol-d6	6.43	99	1289147	122.98	ng		0.00
23) Nitrobenzene-d5	7.37	82	779340	93.51	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	324241	122.69	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1406454	87.21	ng		0.00
78) Terphenyl-d14	12.92	244	1363183	96.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	151730	38.168	ng		90
3) Pyridine	3.33	79	434280	38.855	ng		88
4) n-Nitrosodimethylamine	3.29	42	177229	45.362	ng		84
6) Aniline	6.47	93	391437	26.878	ng		96
8) 2-Chlorophenol	6.59	128	395231	43.891	ng		98
9) Benzaldehyde	6.35	77	127994	20.398	ng		98
10) Phenol	6.45	94	485185	43.623	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	367692	41.427	ng		96
12) 1,3-Dichlorobenzene	6.75	146	403369	39.541	ng		99
13) 1,4-Dichlorobenzene	6.82	146	413549	40.667	ng		99
14) 1,2-Dichlorobenzene	6.97	146	382355	40.574	ng		99
15) Benzyl Alcohol	6.95	79	341645	42.911	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	494651	41.499	ng		93
17) 2-Methylphenol	7.05	107	330484	42.221	ng		97
18) Hexachloroethane	7.32	117	152214	41.982	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	273322	39.902	ng		94
20) 3+4-Methylphenols	7.21	107	393943	40.580	ng	#	74
22) Acetophenone	7.22	105	530353	39.586	ng		97
24) Nitrobenzene	7.39	77	405472	44.067	ng		100
25) Isophorone	7.63	82	758886	43.062	ng		99
26) 2-Nitrophenol	7.70	139	195895	52.297	ng		94
27) 2,4-Dimethylphenol	7.74	122	373804	48.061	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	482287	44.760	ng		99
29) 2,4-Dichlorophenol	7.94	162	325176	43.818	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	328654	40.354	ng		99
31) Naphthalene	8.11	128	1109075	40.929	ng		99
32) Benzoic acid	7.86	122	230493	37.142	ng		99
33) 4-Chloroaniline	8.15	127	172126	14.827	ng		98
34) Hexachlorobutadiene	8.22	225	179259	40.184	ng		98
35) Caprolactam	8.53	113	108669m	41.976	ng		
36) 4-Chloro-3-methylphenol	8.63	107	351365	44.156	ng		98
37) 2-Methylnaphthalene	8.80	142	750965	42.844	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	294591	40.394	ng		98
40) Hexachlorocyclopentadiene	8.95	237	362005	88.665	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	227606	44.958	ng		100
43) 2,4,5-Trichlorophenol	9.11	196	226832	40.039	ng		98
45) 1,1'-Biphenyl	9.26	154	870916	40.693	ng		100
46) 2-Chloronaphthalene	9.29	162	685570	40.554	ng		98
47) 2-Nitroaniline	9.39	65	203414	48.657	ng		98
48) Acenaphthylene	9.70	152	1062729	40.068	ng		100
49) Dimethylphthalate	9.57	163	805263	40.082	ng		100
50) 2,6-Dinitrotoluene	9.63	165	179829	48.374	ng		97
51) Acenaphthene	9.87	154	685917	42.385	ng		100
52) 3-Nitroaniline	9.79	138	102610	23.577	ng		96
53) 2,4-Dinitrophenol	9.90	184	109990	74.146	ng	#	22
54) Dibenzofuran	10.05	168	958088	42.483	ng		99
55) 4-Nitrophenol	9.96	139	327722	95.862	ng		95
56) 2,4-Dinitrotoluene	10.03	165	238900	48.992	ng		94
57) Fluorene	10.39	166	696769	42.446	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	188745	44.657	ng		97
59) Diethylphthalate	10.27	149	811451	40.555	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	310840	42.519	ng		99
61) 4-Nitroaniline	10.42	138	185483	43.588	ng		97
62) Azobenzene	10.55	77	794008	41.536	ng		97
64) 4,6-Dinitro-2-methylphenol	10.43	198	84964	39.379	ng		94
65) n-Nitrosodiphenylamine	10.50	169	666339	41.663	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	204237	41.626	ng		96
67) Hexachlorobenzene	10.93	284	226477	41.023	ng		96
68) Atrazine	11.03	200	217113	44.974	ng		100
69) Pentachlorophenol	11.13	266	246477	72.166	ng		96
70) Phenanthrene	11.36	178	1054282	41.042	ng		99
71) Anthracene	11.41	178	1085770	41.581	ng		100
72) Carbazole	11.56	167	1008030	39.506	ng		99
73) Di-n-butylphthalate	11.89	149	1246645	39.996	ng		99
74) Fluoranthene	12.54	202	1088753	40.566	ng		97
76) Benzidine	12.66	184	326407	26.965	ng		99
77) Pyrene	12.77	202	1090699	45.649	ng		99
79) Butylbenzylphthalate	13.39	149	515875	45.830	ng		94
80) Benzo(a)anthracene	13.96	228	810490	42.088	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	171439	23.877	ng		97
82) Chrysene	14.00	228	828037	41.863	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	637899	44.058	ng		100
84) Di-n-octyl phthalate	14.57	149	1056050	43.652	ng		97
85) Indeno(1,2,3-cd)pyrene	16.86	276	761164	45.300	ng		98
87) Benzo(b)fluoranthene	15.00	252	715313m	44.624	ng		
88) Benzo(k)fluoranthene	15.03	252	626106	41.372	ng		99
89) Benzo(a)pyrene	15.36	252	624777	43.561	ng		97
90) Dibenzo(a,h)anthracene	16.89	278	619257	52.570	ng		99
91) Benzo(g,h,i)perylene	17.30	276	653509	57.263	ng		96

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

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