Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098413.D
Acq On : 11 Sep 2017 20:25
Operator : SJ/JU
Sample : PB102184BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Manual Integrations APPROVED
Sohil
9/12/2017 6:02:06 PM

Quant Time: Sep 12 02:17:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	210506	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	894802	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	409265	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	752210	20.00	ng		0.00
75) Chrysene-d12	13.82	240	528088	20.00	ng		0.00
86) Perylene-d12	15.22	264	460330	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1851293	130.03	ng		0.02
7) Phenol-d6	6.33	99	2287647	126.55	ng		0.00
23) Nitrobenzene-d5	7.24	82	1486435	92.61	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	399365	146.21	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	2313771	95.82	ng		0.00
78) Terphenyl-d14	12.77	244	2000710	81.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	295566	40.221	ng		89
3) Pyridine	3.09	79	819762	42.006	ng	#	85
4) n-Nitrosodimethylamine	3.06	42	427144	44.645	ng		89
6) Aniline	6.34	93	385704	17.008	ng	#	1
8) 2-Chlorophenol	6.46	128	664162	42.422	ng		92
9) Benzaldehyde	6.22	77	524581	44.392	ng		92
10) Phenol	6.34	94	850572	40.510	ng		92
11) bis(2-Chloroethyl)ether	6.42	93	695825	43.954	ng		96
12) 1,3-Dichlorobenzene	6.61	146	668235	42.406	ng		97
13) 1,4-Dichlorobenzene	6.69	146	673180	41.706	ng		96
14) 1,2-Dichlorobenzene	6.84	146	616361	41.914	ng		99
15) Benzyl Alcohol	6.82	79	539880	44.875	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1119202	42.968	ng		75
17) 2-Methylphenol	6.94	107	567811	44.477	ng	#	91
18) Hexachloroethane	7.17	117	271206	43.874	ng	#	83
19) n-Nitroso-di-n-propylamine	7.09	70	495926	43.614	ng		96
20) 3+4-Methylphenols	7.10	107	736901	45.740	ng	#	68
22) Acetophenone	7.09	105	960986	41.553	ng	#	96
24) Nitrobenzene	7.26	77	777104	42.506	ng		98
25) Isophorone	7.50	82	1399573	43.098	ng		99
26) 2-Nitrophenol	7.57	139	353370	47.871	ng	#	81
27) 2,4-Dimethylphenol	7.62	122	613718	43.614	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	879186	44.369	ng		99
29) 2,4-Dichlorophenol	7.82	162	533764	45.608	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	558988	43.909	ng		99
31) Naphthalene	7.97	128	1927644	43.577	ng		100
32) Benzoic acid	7.77	122	316174	35.903	ng		96
33) 4-Chloroaniline	8.03	127	209353	11.645	ng		96
34) Hexachlorobutadiene	8.09	225	281868	43.129	ng		97
35) Caprolactam	8.41	113	190573m	47.222	ng		
36) 4-Chloro-3-methylphenol	8.53	107	631219	43.491	ng		86
37) 2-Methylnaphthalene	8.66	142	1266065	47.251	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	503093	39.463	ng		97
40) Hexachlorocyclopentadiene	8.82	237	407368	105.539	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	328488	43.868	ng		94
43) 2,4,5-Trichlorophenol	9.00	196	348453	44.521	ng		94
45) 1,1'-Biphenyl	9.13	154	1483588	40.500	ng		96
46) 2-Chloronaphthalene	9.15	162	1121885	42.883	ng	#	91
47) 2-Nitroaniline	9.26	65	457526	45.565	ng		91
48) Acenaphthylene	9.57	152	1659047	42.651	ng		100
49) Dimethylphthalate	9.44	163	1356993	42.834	ng		99
50) 2,6-Dinitrotoluene	9.50	165	293325	45.075	ng	#	71
51) Acenaphthene	9.74	154	1051174	42.513	ng		98
52) 3-Nitroaniline	9.67	138	113597	14.461	ng		98
53) 2,4-Dinitrophenol	9.79	184	260615	84.219	ng	#	76
54) Dibenzofuran	9.91	168	1459768	44.813	ng		98
55) 4-Nitrophenol	9.86	139	383912	85.065	ng	#	46
56) 2,4-Dinitrotoluene	9.91	165	354957	44.866	ng	#	50
57) Fluorene	10.25	166	1134894	42.093	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	266120	50.593	ng		98
59) Diethylphthalate	10.13	149	1302859	43.243	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	531820	42.705	ng		89
61) 4-Nitroaniline	10.29	138	318263	40.118	ng		78
62) Azobenzene	10.40	77	1459827	44.956	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	194634	42.787	ng		83
65) n-Nitrosodiphenylamine	10.37	169	1057212	43.285	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	318255	44.579	ng		98
67) Hexachlorobenzene	10.80	284	303228	41.874	ng	#	81
68) Atrazine	10.90	200	351903	46.800	ng		96
69) Pentachlorophenol	11.00	266	270688	84.058	ng		97
70) Phenanthrene	11.21	178	1760307	44.144	ng		100
71) Anthracene	11.26	178	1814333	44.315	ng		100
72) Carbazole	11.42	167	1618646	42.422	ng		99
73) Di-n-butylphthalate	11.75	149	1974167	43.183	ng		99
74) Fluoranthene	12.39	202	1778396	44.549	ng		98
76) Benzidine	12.52	184	510598	21.847	ng		95
77) Pyrene	12.62	202	1828835	43.900	ng		99
79) Butylbenzylphthalate	13.24	149	847162	46.875	ng	#	77
80) Benzo(a)anthracene	13.81	228	1353239	43.708	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	194071	16.129	ng		97
82) Chrysene	13.84	228	1365200	43.622	ng		100
83) Bis(2-ethylhexyl)phthalate	13.80	149	991441	43.711	ng		99
84) Di-n-octyl phthalate	14.41	149	1810264	46.518	ng		97
85) Indeno(1,2,3-cd)pyrene	16.56	276	963545	43.883	ng		98
87) Benzo(b)fluoranthene	14.83	252	1314539	45.416	ng		99
88) Benzo(k)fluoranthene	14.85	252	1128858	41.777	ng		97
89) Benzo(a)pyrene	15.16	252	1159914	44.982	ng		99
90) Dibenzo(a,h)anthracene	16.57	278	804827	42.906	ng		97
91) Benzo(g,h,i)perylene	16.96	276	793278	42.046	ng		99

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

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