Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098752.D
Acq On : 23 Sep 2017 21:26
Operator : SJ/JU
Sample : I5360-01MS 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-A-COMPMS

Manual Integrations APPROVED
Sohil
9/25/2017 6:26:31 PM

Quant Time: Sep 25 15:14:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	154585	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	606674	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	233716	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	324511	20.00	ng		0.00
75) Chrysene-d12	14.08	240	258459	20.00	ng		0.00
86) Perylene-d12	15.57	264	237213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	113165	11.65	ng		-0.01
7) Phenol-d6	6.53	99	135033	11.27	ng		-0.02
23) Nitrobenzene-d5	7.47	82	76757	8.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	16180	8.46	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	143992	10.29	ng		0.00
78) Terphenyl-d14	13.02	244	82034	7.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	13902	2.997	ng		91
3) Pyridine	3.59	79	33310	2.654	ng		95
4) n-Nitrosodimethylamine	3.47	42	16566	3.113	ng	#	96
6) Aniline	6.58	93	36523	2.259	ng		98
8) 2-Chlorophenol	6.70	128	40538	3.686	ng		99
10) Phenol	6.55	94	51932	3.876	ng		96
11) bis(2-Chloroethyl)ether	6.65	93	40092	3.849	ng		98
12) 1,3-Dichlorobenzene	6.86	146	42837	3.719	ng		95
13) 1,4-Dichlorobenzene	6.94	146	43372	3.701	ng		97
14) 1,2-Dichlorobenzene	7.09	146	41120	3.798	ng		96
15) Benzyl Alcohol	7.05	79	33665	3.831	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	62357	3.843	ng		98
17) 2-Methylphenol	7.16	107	32213	3.580	ng		99
18) Hexachloroethane	7.43	117	10985	2.608	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	29653	3.877	ng		96
20) 3+4-Methylphenols	7.31	107	42216	3.709	ng		97
22) Acetophenone	7.32	105	60221	4.097	ng		99
24) Nitrobenzene	7.49	77	40643	3.787	ng		94
25) Isophorone	7.73	82	73751	3.771	ng		99
26) 2-Nitrophenol	7.82	139	15092	2.925	ng		96
27) 2,4-Dimethylphenol	7.85	122	35062	3.598	ng		95
28) bis(2-Chloroethoxy)methane	7.95	93	48032	3.941	ng		98
29) 2,4-Dichlorophenol	8.05	162	29715	3.551	ng		99
30) 1,2,4-Trichlorobenzene	8.14	180	31821	3.802	ng		93
31) Naphthalene	8.22	128	173526	6.090	ng		98
33) 4-Chloroaniline	8.27	127	31473	2.645	ng		97
34) Hexachlorobutadiene	8.34	225	16810	3.900	ng		96
35) Caprolactam	8.59	113	7111	2.649	ng		96
36) 4-Chloro-3-methylphenol	8.73	107	29641	3.152	ng		98
37) 2-Methylnaphthalene	8.92	142	90466	4.884	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	27327	3.921	ng		98
42) 2,4,6-Trichlorophenol	9.19	196	17768	3.598	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	16927	3.434	ng		96
45) 1,1'-Biphenyl	9.37	154	87195	4.341	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.40	162	61942	4.107	ng		95
47) 2-Nitroaniline	9.49	65	17318	3.750	ng		94
48) Acenaphthylene	9.82	152	102883	4.456	ng		98
49) Dimethylphthalate	9.67	163	86951	4.929	ng		99
50) 2,6-Dinitrotoluene	9.73	165	11686	3.043	ng		99
51) Acenaphthene	9.99	154	62639	4.283	ng		98
52) 3-Nitroaniline	9.90	138	13437	3.001	ng		99
53) 2,4-Dinitrophenol	10.00	184	331	5.981	ng	#	1
54) Dibenzofuran	10.16	168	94666	4.862	ng		98
55) 4-Nitrophenol	10.05	139	17389	4.593	ng		93
56) 2,4-Dinitrotoluene	10.13	165	14344	2.878	ng	#	94
57) Fluorene	10.50	166	73559	4.700	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	10563	3.102	ng	#	89
59) Diethylphthalate	10.37	149	70419	4.085	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	28129	4.001	ng		92
61) 4-Nitroaniline	10.50	138	12167	2.816	ng		93
62) Azobenzene	10.65	77	63140	3.984	ng		98
65) n-Nitrosodiphenylamine	10.61	169	52480	4.668	ng		98
66) 4-Bromophenyl-phenylether	10.99	248	14406	4.535	ng		93
67) Hexachlorobenzene	11.05	284	12527	3.692	ng		98
68) Atrazine	11.13	200	13993	4.137	ng		96
69) Pentachlorophenol	11.24	266	10841	5.135	ng		94
70) Phenanthrene	11.47	178	154478	8.893	ng		99
71) Anthracene	11.52	178	100721	5.667	ng		100
72) Carbazole	11.67	167	70821	4.069	ng		99
73) Di-n-butylphthalate	12.00	149	89244	4.260	ng		99
74) Fluoranthene	12.66	202	183471	10.431	ng		98
77) Pyrene	12.89	202	180952	9.181	ng		99
79) Butylbenzylphthalate	13.50	149	31897	3.444	ng		98
80) Benzo(a)anthracene	14.07	228	118954	7.601	ng		97
81) 3,3'-Dichlorobenzidine	14.03	252	15127	2.637	ng		96
82) Chrysene	14.11	228	116104	7.792	ng		98
83) Bis(2-ethylhexyl)phthalate	14.06	149	51981	4.076	ng	#	99
84) Di-n-octyl phthalate	14.67	149	86221	4.198	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.08	276	72267	6.063	ng		98
87) Benzo(b)fluoranthene	15.13	252	121275m	8.315	ng		
88) Benzo(k)fluoranthene	15.16	252	86237	5.986	ng		98
89) Benzo(a)pyrene	15.51	252	92673	6.922	ng	#	93
90) Dibenzo(a,h)anthracene	17.09	278	44251	4.130	ng	#	91
91) Benzo(g,h,i)perylene	17.53	276	64082	6.051	ng		95

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

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