Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098753.D
Acq On : 23 Sep 2017 21:54
Operator : SJ/JU
Sample : I5360-01MSD 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
9/25/2017 6:26:33 PM

Quant Time: Sep 25 15:16:28 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	138013	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	512672	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	183927	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	263965	20.00	ng		0.00
75) Chrysene-d12	14.08	240	259547	20.00	ng		0.00
86) Perylene-d12	15.57	264	240850	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	89256	10.30	ng		-0.01
7) Phenol-d6	6.53	99	103425	9.67	ng		-0.02
23) Nitrobenzene-d5	7.47	82	57583	7.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	11273	7.49	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	101121	9.18	ng		0.00
78) Terphenyl-d14	13.02	244	68068	5.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	9890	2.388	ng		95
3) Pyridine	3.59	79	25682m	2.292	ng		
4) n-Nitrosodimethylamine	3.47	42	12666	2.666	ng	#	93
8) 2-Chlorophenol	6.70	128	30246	3.081	ng		96
10) Phenol	6.55	94	39606	3.311	ng		95
11) bis(2-Chloroethyl)ether	6.65	93	30284	3.257	ng		99
12) 1,3-Dichlorobenzene	6.86	146	31533	3.067	ng		99
13) 1,4-Dichlorobenzene	6.94	146	32900	3.145	ng		98
14) 1,2-Dichlorobenzene	7.09	146	30937	3.200	ng		95
15) Benzyl Alcohol	7.05	79	24838	3.166	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	45955	3.172	ng		99
17) 2-Methylphenol	7.16	107	24734	3.079	ng		96
18) Hexachloroethane	7.43	117	8524	2.267	ng		91
19) n-Nitroso-di-n-propylamine	7.32	70	21865	3.202	ng		98
20) 3+4-Methylphenols	7.31	107	31583	3.108	ng		94
22) Acetophenone	7.32	105	44584	3.589	ng		98
24) Nitrobenzene	7.49	77	29902	3.297	ng		94
25) Isophorone	7.73	82	52947	3.203	ng		99
26) 2-Nitrophenol	7.82	139	10076	2.311	ng		92
27) 2,4-Dimethylphenol	7.85	122	25633	3.113	ng		96
28) bis(2-Chloroethoxy)methane	7.95	93	35725	3.468	ng		99
29) 2,4-Dichlorophenol	8.05	162	21371	3.022	ng		95
30) 1,2,4-Trichlorobenzene	8.14	180	23916	3.382	ng		97
31) Naphthalene	8.22	128	109385	4.543	ng		99
33) 4-Chloroaniline	8.27	127	21396	2.128	ng		99
34) Hexachlorobutadiene	8.34	225	12171	3.341	ng		98
35) Caprolactam	8.59	113	4663	2.056	ng		98
36) 4-Chloro-3-methylphenol	8.73	107	20427	2.570	ng		99
37) 2-Methylnaphthalene	8.92	142	62831	4.014	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	19022	3.468	ng		98
42) 2,4,6-Trichlorophenol	9.19	196	11884	3.058	ng		94
43) 2,4,5-Trichlorophenol	9.22	196	11153	2.875	ng		96
45) 1,1'-Biphenyl	9.37	154	59556	3.768	ng		98
46) 2-Chloronaphthalene	9.40	162	42053	3.543	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.49	65	11288	3.106	ng		94
48) Acenaphthylene	9.82	152	72690	4.001	ng		99
49) Dimethylphthalate	9.67	163	59265	4.269	ng		98
50) 2,6-Dinitrotoluene	9.73	165	7748	2.564	ng		95
51) Acenaphthene	9.99	154	41295	3.588	ng		97
52) 3-Nitroaniline	9.90	138	8813	2.501	ng		94
53) 2,4-Dinitrophenol	10.00	184	126	5.902	ng	#	1
54) Dibenzofuran	10.16	168	60990	3.980	ng		99
55) 4-Nitrophenol	10.05	139	11772	3.951	ng		96
56) 2,4-Dinitrotoluene	10.13	165	8691	2.216	ng	#	98
57) Fluorene	10.50	166	46583	3.782	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	7457	2.783	ng	#	94
59) Diethylphthalate	10.37	149	47056	3.469	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	18243	3.297	ng		93
61) 4-Nitroaniline	10.50	138	8901	2.618	ng		93
62) Azobenzene	10.65	77	40897	3.279	ng		98
65) n-Nitrosodiphenylamine	10.61	169	35065	3.835	ng		96
66) 4-Bromophenyl-phenylether	10.99	248	9675	3.745	ng		97
67) Hexachlorobenzene	11.05	284	8167	2.959	ng		95
68) Atrazine	11.13	200	8998	3.270	ng		99
69) Pentachlorophenol	11.24	266	8476	4.935	ng		96
70) Phenanthrene	11.47	178	110176	7.798	ng		98
71) Anthracene	11.52	178	73478	5.083	ng		98
72) Carbazole	11.67	167	52696	3.722	ng		100
73) Di-n-butylphthalate	12.00	149	61050	3.583	ng		98
74) Fluoranthene	12.66	202	147490	10.309	ng		98
77) Pyrene	12.89	202	151148	7.637	ng		99
79) Butylbenzylphthalate	13.50	149	25971	2.792	ng		95
80) Benzo(a)anthracene	14.07	228	104166	6.628	ng		96
81) 3,3'-Dichlorobenzidine	14.03	252	14920	2.590	ng		99
82) Chrysene	14.11	228	100891	6.743	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	42232	3.297	ng		98
84) Di-n-octyl phthalate	14.67	149	78076	3.786	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.07	276	63886	5.338	ng		96
87) Benzo(b)fluoranthene	15.13	252	123236	8.322	ng	#	96
88) Benzo(k)fluoranthene	15.16	252	62746	4.290	ng		95
89) Benzo(a)pyrene	15.51	252	84818	6.240	ng	#	95
90) Dibenzo(a,h)anthracene	17.10	278	42041	3.865	ng	#	88
91) Benzo(g,h,i)perylene	17.53	276	57706	5.366	ng	#	92

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

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