Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100790.D
Acq On : 21 Nov 2017 19:40
Operator : SJ/JU
Sample : I6499-02MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MSD

Manual Integrations APPROVED
Sohil
11/22/2017 5:04:23 PM

Quant Time: Nov 22 06:34:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	87248	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	335149	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	148107	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	262370	20.00	ng		0.00
75) Chrysene-d12	14.04	240	165725	20.00	ng		0.00
86) Perylene-d12	15.51	264	199487	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	582596	107.04	ng		0.01
7) Phenol-d6	6.51	99	698150	104.02	ng		0.00
23) Nitrobenzene-d5	7.44	82	438907	86.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	173929	115.25	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	879899	90.46	ng		0.00
78) Terphenyl-d14	12.98	244	641929	89.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	82436	31.079	ng		94
3) Pyridine	3.49	79	223319	30.860	ng		97
4) n-Nitrosodimethylamine	3.45	42	112527	32.027	ng		98
6) Aniline	6.54	93	90618	9.557	ng		98
8) 2-Chlorophenol	6.66	128	235359	40.875	ng		96
9) Benzaldehyde	6.43	77	85582	17.855	ng		94
10) Phenol	6.52	94	299728	42.539	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	216609	36.600	ng		96
12) 1,3-Dichlorobenzene	6.82	146	270220	40.705	ng		96
13) 1,4-Dichlorobenzene	6.89	146	270761	40.298	ng		97
14) 1,2-Dichlorobenzene	7.05	146	252630	40.666	ng		98
15) Benzyl Alcohol	7.02	79	197631	37.729	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	372898	39.395	ng		98
17) 2-Methylphenol	7.13	107	196845	40.005	ng		98
18) Hexachloroethane	7.39	117	85049	38.391	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	157561	33.850	ng		93
20) 3+4-Methylphenols	7.28	107	239886	38.526	ng	#	70
22) Acetophenone	7.29	105	312407	38.226	ng	#	97
24) Nitrobenzene	7.46	77	236131	45.257	ng		100
25) Isophorone	7.70	82	426260	40.014	ng		97
26) 2-Nitrophenol	7.77	139	127799	51.766	ng		89
27) 2,4-Dimethylphenol	7.81	122	212540	44.507	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	272496	39.106	ng		99
29) 2,4-Dichlorophenol	8.02	162	202252	44.365	ng		93
30) 1,2,4-Trichlorobenzene	8.10	180	215687	43.739	ng		95
31) Naphthalene	8.18	128	671617	41.605	ng		100
32) Benzoic acid	7.89	122	25205	14.918	ng		98
33) 4-Chloroaniline	8.22	127	30747	4.576	ng		96
34) Hexachlorobutadiene	8.29	225	124568	42.486	ng		98
35) Caprolactam	8.60	113	60596m	38.732	ng		
36) 4-Chloro-3-methylphenol	8.71	107	198801	40.603	ng		98
37) 2-Methylnaphthalene	8.87	142	453171	42.285	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	209515	42.654	ng	#	95
40) Hexachlorocyclopentadiene	9.02	237	69722	30.159	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	143174	45.990	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	148273	45.970	ng	#	88
45) 1,1'-Biphenyl	9.33	154	543190	42.404	ng		99
46) 2-Chloronaphthalene	9.36	162	419559	45.148	ng		95
47) 2-Nitroaniline	9.46	65	120889	44.255	ng		95
48) Acenaphthylene	9.77	152	644074	41.821	ng		99
49) Dimethylphthalate	9.63	163	537868	47.565	ng		99
50) 2,6-Dinitrotoluene	9.70	165	106359	47.516	ng		87
51) Acenaphthene	9.95	154	376567	40.204	ng		99
52) 3-Nitroaniline	9.86	138	37869	14.327	ng		94
53) 2,4-Dinitrophenol	9.97	184	20863	32.792	ng	#	18
54) Dibenzofuran	10.12	168	551027	41.975	ng		96
55) 4-Nitrophenol	10.03	139	145638	67.857	ng		94
56) 2,4-Dinitrotoluene	10.10	165	138727	49.128	ng	#	81
57) Fluorene	10.46	166	419129	43.583	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	113618	42.980	ng	#	85
59) Diethylphthalate	10.33	149	466769	41.247	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	209305	44.366	ng		91
61) 4-Nitroaniline	10.48	138	88153	35.172	ng		84
62) Azobenzene	10.61	77	403761	37.883	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	25515	24.392	ng	#	74
65) n-Nitrosodiphenylamine	10.57	169	399016	43.738	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	132849	47.234	ng	#	89
67) Hexachlorobenzene	11.01	284	132308	44.978	ng	#	84
68) Atrazine	11.10	200	123776	44.822	ng		96
69) Pentachlorophenol	11.20	266	118921	56.379	ng		99
70) Phenanthrene	11.42	178	593026	42.929	ng		99
71) Anthracene	11.47	178	596791	42.582	ng		99
72) Carbazole	11.63	167	494282	38.222	ng		99
73) Di-n-butylphthalate	11.95	149	690453	45.624	ng		98
74) Fluoranthene	12.61	202	570260	38.951	ng		97
76) Benzidine	12.73	184	175898	26.503	ng		97
77) Pyrene	12.84	202	560573	47.452	ng		99
79) Butylbenzylphthalate	13.45	149	215552	44.741	ng		91
80) Benzo(a)anthracene	14.03	228	473695	47.465	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	118276	33.078	ng		97
82) Chrysene	14.06	228	448890	46.449	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	288325	45.502	ng		99
84) Di-n-octyl phthalate	14.62	149	485897	44.637	ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	474231	60.668	ng		94
87) Benzo(b)fluoranthene	15.08	252	504340	42.674	ng		99
88) Benzo(k)fluoranthene	15.11	252	466115	41.741	ng		98
89) Benzo(a)pyrene	15.45	252	481860	45.990	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	379202	44.255	ng	#	95
91) Benzo(g,h,i)perylene	17.45	276	369385	44.039	ng		94

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

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