Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085093.D
Acq On : 17 Feb 2016 18:24
Operator : SJ/IZ
Sample : H1418-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP005MSD

Manual Integrations APPROVED
Sohil
2/19/2016 7:57:18 AM

Quant Time: Feb 18 00:29:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 17 16:42:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	188216	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	759749	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	353887	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	737320	20.00	ng		0.00
75) Chrysene-d12	14.16	240	674013	20.00	ng		0.00
86) Perylene-d12	15.63	264	500206	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1721387	159.85	ng		0.02
7) Phenol-d6	6.62	99	2394331	176.85	ng		0.00
23) Nitrobenzene-d5	7.56	82	1533715	123.74	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	665302	177.08	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	2400538	100.24	ng		0.00
78) Terphenyl-d14	13.11	244	2680620	111.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	243360	47.75	ng		90
3) Pyridine	3.54	79	710766	54.13	ng		88
4) n-Nitrosodimethylamine	3.50	42	354667	56.30	ng		86
6) Aniline	6.66	93	377727	20.09	ng	#	70
8) 2-Chlorophenol	6.78	128	691855	55.72	ng		94
9) Benzaldehyde	6.54	77	179512	22.80	ng		85
10) Phenol	6.64	94	845307	57.75	ng	#	36
11) bis(2-Chloroethyl)ether	6.73	93	663389	53.69	ng		91
12) 1,3-Dichlorobenzene	6.94	146	706864	52.76	ng		97
13) 1,4-Dichlorobenzene	7.02	146	758797	55.78	ng		97
14) 1,2-Dichlorobenzene	7.16	146	648266	51.46	ng		97
15) Benzyl Alcohol	7.13	79	622825	62.65	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1033879	55.36	ng		94
17) 2-Methylphenol	7.24	107	607650	61.17	ng	#	85
18) Hexachloroethane	7.51	117	267577	55.19	ng	#	85
19) n-Nitroso-di-n-propylamine	7.42	70	562367	60.84	ng	#	84
20) 3+4-Methylphenols	7.39	107	710094	56.88	ng		94
22) Acetophenone	7.40	105	932207	49.24	ng	#	95
24) Nitrobenzene	7.58	77	690577	54.48	ng		97
25) Isophorone	7.82	82	1387123	53.55	ng		98
26) 2-Nitrophenol	7.90	139	378338	65.84	ng		94
27) 2,4-Dimethylphenol	7.93	122	724898	58.90	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	853286	55.55	ng		99
29) 2,4-Dichlorophenol	8.14	162	648600	61.16	ng		95
30) 1,2,4-Trichlorobenzene	8.23	180	639826	52.94	ng		95
31) Naphthalene	8.31	128	2008838	55.02	ng		97
32) Benzoic acid	8.01	122	155743	21.17	ng		97
33) 4-Chloroaniline	8.34	127	106310	6.78	ng		99
34) Hexachlorobutadiene	8.42	225	390158	53.39	ng		97
35) Caprolactam	8.72	113	188601m	59.49	ng		
36) 4-Chloro-3-methylphenol	8.82	107	629615	54.93	ng		98
37) 2-Methylnaphthalene	8.99	142	1319443	55.58	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	653959	54.30	ng		98
40) Hexachlorocyclopentadiene	9.15	237	756994	117.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	485145	63.43	ng		96
43) 2,4,5-Trichlorophenol	9.31	196	454433	60.30	ng	#	87
45) 1,1'-Biphenyl	9.46	154	1692338	55.91	ng		96
46) 2-Chloronaphthalene	9.48	162	1263894	56.75	ng		97
47) 2-Nitroaniline	9.58	65	422260	60.08	ng		93
48) Acenaphthylene	9.90	152	1888121	52.44	ng		97
49) Dimethylphthalate	9.76	163	1789282	68.89	ng	#	95
50) 2,6-Dinitrotoluene	9.82	165	310290	56.73	ng		90
51) Acenaphthene	10.07	154	1293156	58.26	ng		98
52) 3-Nitroaniline	9.98	138	127082	20.51	ng		85
53) 2,4-Dinitrophenol	10.09	184	319846	91.11	ng	#	72
54) Dibenzofuran	10.24	168	1752630	59.12	ng		99
55) 4-Nitrophenol	10.14	139	535453	109.05	ng		97
56) 2,4-Dinitrotoluene	10.22	165	410675	60.93	ng	#	80
57) Fluorene	10.58	166	1259232	51.55	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	392920	63.87	ng		96
59) Diethylphthalate	10.46	149	1401284	52.22	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	666941	52.84	ng		94
61) 4-Nitroaniline	10.60	138	350913	60.65	ng		90
62) Azobenzene	10.73	77	1521746	60.38	ng		96
64) 4,6-Dinitro-2-methylphenol	10.63	198	226632	58.10	ng		86
65) n-Nitrosodiphenylamine	10.70	169	1285582	55.28	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	448507	52.09	ng		93
67) Hexachlorobenzene	11.13	284	474299	52.43	ng		95
68) Atrazine	11.22	200	473082	70.62	ng		94
69) Pentachlorophenol	11.32	266	614070	111.90	ng		97
70) Phenanthrene	11.54	178	1978411	53.41	ng		98
71) Anthracene	11.60	178	1977534	52.89	ng		93
72) Carbazole	11.75	167	1834224	53.79	ng		96
73) Di-n-butylphthalate	12.08	149	2098843	53.94	ng		97
74) Fluoranthene	12.73	202	2037293	50.88	ng		92
76) Benzidine	12.85	184	443674	22.36	ng		97
77) Pyrene	12.96	202	2052754	50.58	ng		95
79) Butylbenzylphthalate	13.58	149	991267	61.46	ng	#	98
80) Benzo(a)anthracene	14.15	228	2086374	55.49	ng		95
81) 3,3'-Dichlorobenzidine	14.10	252	218441	15.71	ng		98
82) Chrysene	14.18	228	1412791	40.83	ng		95
83) Bis(2-ethylhexyl)phthalate	14.14	149	1307877	59.34	ng	#	94
84) Di-n-octyl phthalate	14.74	149	2060329	58.42	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	1576778	47.11	ng		100
87) Benzo(b)fluoranthene	15.20	252	1711733	53.67	ng	#	95
88) Benzo(k)fluoranthene	15.23	252	1693513m	65.94	ng		
89) Benzo(a)pyrene	15.57	252	1589806	58.66	ng	#	94
90) Dibenzo(a,h)anthracene	17.14	278	1290009	55.76	ng	#	94
91) Benzo(g,h,i)perylene	17.57	276	1283981	56.57	ng		99

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

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