Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097125.D
Acq On : 27 Jul 2017 16:28
Operator : SJ/JU
Sample : PB101001BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Manual Integrations APPROVED
Sohil
7/28/2017 4:46:48 PM

Quant Time: Jul 27 17:31:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 27 16:02:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	88503	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	378403	20.00	ng		0.00
38) Acenaphthene-d10	9.52	164	190009	20.00	ng		0.00
63) Phenanthrene-d10	10.99	188	287443	20.00	ng		0.00
75) Chrysene-d12	13.62	240	165287	20.00	ng		0.00
86) Perylene-d12	14.96	264	154184	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	646492	110.12	ng		0.02
7) Phenol-d6	6.16	99	772819	115.31	ng		0.00
23) Nitrobenzene-d5	7.06	82	474267	73.53	ng		0.00
41) 2,4,6-Tribromophenol	10.30	330	136787	91.12	ng		0.00
44) 2-Fluorobiphenyl	8.85	172	846936	75.65	ng		0.00
78) Terphenyl-d14	12.57	244	552918	68.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	76490	31.221	ng	#	73
3) Pyridine	2.72	79	215937	28.784	ng	#	59
4) n-Nitrosodimethylamine	2.65	42	136920	32.944	ng	#	77
6) Aniline	6.15	93	211112	25.031	ng	#	79
8) 2-Chlorophenol	6.28	128	232884	37.097	ng		99
9) Benzaldehyde	6.03	77	168258	42.413	ng		95
10) Phenol	6.17	94	272585	34.288	ng		95
11) bis(2-Chloroethyl)ether	6.23	93	209429	33.308	ng		91
12) 1,3-Dichlorobenzene	6.43	146	240929	35.613	ng		98
13) 1,4-Dichlorobenzene	6.50	146	270587	40.359	ng		95
14) 1,2-Dichlorobenzene	6.66	146	234575	40.071	ng		98
15) Benzyl Alcohol	6.65	79	183484	43.240	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.77	45	435036	34.496	ng	#	50
17) 2-Methylphenol	6.77	107	171781	35.455	ng	#	90
18) Hexachloroethane	7.00	117	78826	32.137	ng	#	85
19) n-Nitroso-di-n-propylamine	6.92	70	157145	35.620	ng	#	80
20) 3+4-Methylphenols	6.93	107	242885	38.383	ng	#	61
22) Acetophenone	6.90	105	310071	34.122	ng		97
24) Nitrobenzene	7.07	77	220970	32.893	ng		92
25) Isophorone	7.32	82	420886	33.318	ng		96
26) 2-Nitrophenol	7.39	139	101074	27.810	ng	#	87
27) 2,4-Dimethylphenol	7.45	122	214934	35.849	ng		97
28) bis(2-Chloroethoxy)methane	7.54	93	280279	34.000	ng		98
29) 2,4-Dichlorophenol	7.65	162	182351	35.305	ng		97
30) 1,2,4-Trichlorobenzene	7.72	180	177638	36.083	ng		98
31) Naphthalene	7.79	128	644701	36.143	ng		100
32) Benzoic acid	7.59	122	112963	25.232	ng		92
33) 4-Chloroaniline	7.85	127	154971	21.352	ng		96
34) Hexachlorobutadiene	7.92	225	99111	37.974	ng		98
35) Caprolactam	8.22	113	61479m	37.121	ng		
36) 4-Chloro-3-methylphenol	8.36	107	199334	35.375	ng		88
37) 2-Methylnaphthalene	8.49	142	453992	40.198	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	162906	32.132	ng		98
40) Hexachlorocyclopentadiene	8.64	237	41098	27.863	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	109487	29.800	ng		97
43) 2,4,5-Trichlorophenol	8.82	196	114526	31.143	ng		95
45) 1,1'-Biphenyl	8.95	154	496673	30.603	ng		98
46) 2-Chloronaphthalene	8.97	162	380152	31.831	ng		93
47) 2-Nitroaniline	9.07	65	150483	34.719	ng		94
48) Acenaphthylene	9.38	152	656544	35.815	ng		99
49) Dimethylphthalate	9.26	163	459373	31.837	ng		99
50) 2,6-Dinitrotoluene	9.32	165	106537	34.813	ng	#	76
51) Acenaphthene	9.55	154	382438	35.418	ng		98
52) 3-Nitroaniline	9.48	138	125566	33.056	ng		99
53) 2,4-Dinitrophenol	9.60	184	37968	27.287	ng	#	74
54) Dibenzofuran	9.72	168	550388	38.268	ng		97
55) 4-Nitrophenol	9.67	139	125562	55.584	ng	#	62
56) 2,4-Dinitrotoluene	9.72	165	120968	34.385	ng	#	46
57) Fluorene	10.06	166	379561	35.112	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	86242	33.965	ng		99
59) Diethylphthalate	9.95	149	454318	34.320	ng		99
60) 4-Chlorophenyl-phenylether	10.06	204	160379	35.928	ng		97
61) 4-Nitroaniline	10.09	138	118141	32.732	ng		89
62) Azobenzene	10.22	77	402320	32.761	ng		93
64) 4,6-Dinitro-2-methylphenol	10.13	198	28915	16.188	ng		87
65) n-Nitrosodiphenylamine	10.18	169	342021	34.198	ng		97
66) 4-Bromophenyl-phenylether	10.55	248	104922	36.576	ng		99
67) Hexachlorobenzene	10.62	284	101015	31.402	ng		94
68) Atrazine	10.72	200	99908	34.837	ng		94
69) Pentachlorophenol	10.82	266	70498	52.967	ng		99
70) Phenanthrene	11.02	178	555146	36.045	ng		98
71) Anthracene	11.07	178	521246	33.044	ng		98
72) Carbazole	11.23	167	495579	31.945	ng		98
73) Di-n-butylphthalate	11.57	149	662084	34.526	ng		99
74) Fluoranthene	12.20	202	479333	31.769	ng		98
76) Benzidine	12.32	184	199689	32.560	ng	#	92
77) Pyrene	12.42	202	483233	35.712	ng		99
79) Butylbenzylphthalate	13.05	149	234695	34.097	ng	#	79
80) Benzo(a)anthracene	13.60	228	366645	34.283	ng		100
81) 3,3'-Dichlorobenzidine	13.57	252	136459	33.835	ng	#	96
82) Chrysene	13.64	228	347497	33.275	ng		100
83) Bis(2-ethylhexyl)phthalate	13.62	149	326379	36.317	ng		100
84) Di-n-octyl phthalate	14.23	149	514817	31.216	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.19	276	293355	32.760	ng		98
87) Benzo(b)fluoranthene	14.60	252	335520	36.201	ng		96
88) Benzo(k)fluoranthene	14.63	252	313758	35.525	ng		97
89) Benzo(a)pyrene	14.91	252	310128	36.561	ng		98
90) Dibenzo(a,h)anthracene	16.19	278	247782	35.621	ng		98
91) Benzo(g,h,i)perylene	16.55	276	244652	33.538	ng		100

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

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