Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087318.D
Acq On : 24 May 2016 1:06
Operator : UM/SJ
Sample : PB90819BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90819BS

Manual Integrations APPROVED
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5/24/2016 7:39:30 PM

Quant Time: May 24 02:17:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 01:40:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	129412	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	538009	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	256258	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	469457	20.00	ng		0.00
75) Chrysene-d12	18.56	240	378650	20.00	ng		0.00
86) Perylene-d12	20.23	264	294869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	957634	130.03	ng		0.02
7) Phenol-d6	7.15	99	1223128	122.91	ng		-0.01
23) Nitrobenzene-d5	8.52	82	831174	77.86	ng		-0.01
41) 2,4,6-Tribromophenol	13.77	330	291021	118.18	ng		-0.01
44) 2-Fluorobiphenyl	11.43	172	1434154	78.90	ng		0.00
78) Terphenyl-d14	17.21	244	1314471	73.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	124218	31.96	ng	#	62
3) Pyridine	2.65	79	279084	32.85	ng	#	68
4) n-Nitrosodimethylamine	2.62	42	258593	39.50	ng	#	48
6) Aniline	7.12	93	264968	20.58	ng		92
8) 2-Chlorophenol	7.29	128	378117	41.17	ng		89
9) Benzaldehyde	6.96	77	55997	10.19	ng		97
10) Phenol	7.18	94	458005	42.15	ng		86
11) bis(2-Chloroethyl)ether	7.26	93	355245	40.39	ng		88
12) 1,3-Dichlorobenzene	7.51	146	385621	38.49	ng	#	92
13) 1,4-Dichlorobenzene	7.63	146	396678m	38.57	ng		
14) 1,2-Dichlorobenzene	7.87	146	379197	39.86	ng		100
15) Benzyl Alcohol	7.91	79	319150	43.99	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	742690	37.53	ng		92
17) 2-Methylphenol	8.11	107	305349	41.48	ng	#	79
18) Hexachloroethane	8.39	117	150003	39.10	ng		96
19) n-Nitroso-di-n-propylamine	8.33	70	313282	42.21	ng	#	74
20) 3+4-Methylphenols	8.38	107	389600	43.78	ng	#	60
22) Acetophenone	8.30	105	544525	42.36	ng	#	97
24) Nitrobenzene	8.56	77	434355	38.55	ng		95
25) Isophorone	8.95	82	776154	40.54	ng		99
26) 2-Nitrophenol	9.06	139	191845	41.65	ng	#	76
27) 2,4-Dimethylphenol	9.20	122	342730	42.86	ng		88
28) bis(2-Chloroethoxy)methane	9.32	93	472313	43.80	ng	#	98
29) 2,4-Dichlorophenol	9.47	162	313588	43.52	ng		98
30) 1,2,4-Trichlorobenzene	9.56	180	328840	39.86	ng		97
31) Naphthalene	9.68	128	1091342	40.48	ng		99
32) Benzoic acid	9.52	122	157367	39.41	ng	#	77
33) 4-Chloroaniline	9.84	127	118111	11.89	ng	#	95
34) Hexachlorobutadiene	9.88	225	192883	38.47	ng		100
35) Caprolactam	10.44	113	95494m	45.40	ng		
36) 4-Chloro-3-methylphenol	10.68	107	343626	42.18	ng		92
37) 2-Methylnaphthalene	10.80	142	700158	41.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	309161	37.69	ng		98
40) Hexachlorocyclopentadiene	11.05	237	259013	77.12	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	183570	38.77	ng		96
43) 2,4,5-Trichlorophenol	11.38	196	199635	41.40	ng	#	85
45) 1,1'-Biphenyl	11.58	154	875781	40.59	ng		98
46) 2-Chloronaphthalene	11.59	162	645728	39.12	ng		94
47) 2-Nitroaniline	11.80	65	248336	41.76	ng	#	81
48) Acenaphthylene	12.25	152	1045420	40.01	ng		99
49) Dimethylphthalate	12.12	163	819243	39.91	ng		100
50) 2,6-Dinitrotoluene	12.22	165	168902	40.83	ng	#	81
51) Acenaphthene	12.52	154	637170	39.67	ng		98
52) 3-Nitroaniline	12.49	138	70992	16.72	ng	#	87
53) 2,4-Dinitrophenol	12.68	184	149587	71.43	ng		87
54) Dibenzofuran	12.82	168	953474	43.84	ng		98
55) 4-Nitrophenol	12.87	139	174183	86.01	ng	#	64
56) 2,4-Dinitrotoluene	12.88	165	229493	41.51	ng	#	91
57) Fluorene	13.37	166	742330	39.37	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	175515	47.32	ng		98
59) Diethylphthalate	13.28	149	796941	39.93	ng		99
60) 4-Chlorophenyl-phenylether	13.39	204	363154	39.49	ng		98
61) 4-Nitroaniline	13.50	138	155909	39.35	ng	#	73
62) Azobenzene	13.66	77	933409	45.08	ng		87
64) 4,6-Dinitro-2-methylphenol	13.54	198	123267	41.30	ng	#	58
65) n-Nitrosodiphenylamine	13.61	169	635211	41.84	ng		100
66) 4-Bromophenyl-phenylether	14.18	248	207193	40.34	ng		99
67) Hexachlorobenzene	14.25	284	220355	41.02	ng	#	67
68) Atrazine	14.53	200	200543	41.44	ng		94
69) Pentachlorophenol	14.62	266	128662	77.30	ng		98
70) Phenanthrene	14.91	178	1088836	41.87	ng		100
71) Anthracene	15.01	178	1099613	41.86	ng		99
72) Carbazole	15.29	167	986465	44.03	ng		99
73) Di-n-butylphthalate	15.85	149	1207263	41.67	ng	#	98
74) Fluoranthene	16.66	202	1070978	41.07	ng		97
76) Benzidine	16.89	184	358652	36.81	ng		97
77) Pyrene	16.97	202	1122961	41.20	ng		99
79) Butylbenzylphthalate	17.87	149	493569	40.83	ng	#	72
80) Benzo(a)anthracene	18.55	228	897698	41.68	ng		99
81) 3,3'-Dichlorobenzidine	18.54	252	140717	11.83	ng	#	97
82) Chrysene	18.59	228	897128	41.97	ng		100
83) Bis(2-ethylhexyl)phthalate	18.62	149	703950	39.91	ng		97
84) Di-n-octyl phthalate	19.38	149	1155780	42.97	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.49	276	683726	39.90	ng		95
87) Benzo(b)fluoranthene	19.82	252	734470m	39.10	ng		
88) Benzo(k)fluoranthene	19.85	252	764067m	47.26	ng		
89) Benzo(a)pyrene	20.17	252	701311	43.17	ng	#	97
90) Dibenzo(a,h)anthracene	21.49	278	580749	41.91	ng		98
91) Benzo(g,h,i)perylene	21.85	276	571488	41.80	ng	#	91

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

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