Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087040.D
Acq On : 15 May 2016 1:02
Operator : UM/SJ
Sample : PB90466BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Manual Integrations APPROVED
sohil
5/16/2016 6:58:51 PM

Quant Time: May 16 05:54:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	143385	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	582545	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	281483	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	527846	20.00	ng		0.00
75) Chrysene-d12	13.76	240	330698	20.00	ng		0.00
86) Perylene-d12	15.11	264	300369	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	947645	111.93	ng		0.01
7) Phenol-d6	6.28	99	1273959	112.59	ng		0.00
23) Nitrobenzene-d5	7.19	82	844289	72.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	368231	123.57	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1410438	84.21	ng		0.00
78) Terphenyl-d14	12.71	244	1203804	77.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	128412	30.89	ng	#	66
3) Pyridine	2.78	79	351925	34.63	ng	#	66
4) n-Nitrosodimethylamine	2.73	42	273145	37.07	ng	#	47
6) Aniline	6.28	93	175712	12.84	ng	#	2
8) 2-Chlorophenol	6.40	128	378728	37.07	ng	#	80
9) Benzaldehyde	6.17	77	22585	3.45	ng		98
10) Phenol	6.30	94	530849	39.47	ng		81
11) bis(2-Chloroethyl)ether	6.35	93	393576	37.53	ng	#	80
12) 1,3-Dichlorobenzene	6.55	146	388379	35.13	ng	#	94
13) 1,4-Dichlorobenzene	6.63	146	398525	35.35	ng		95
14) 1,2-Dichlorobenzene	6.78	146	353727m	36.00	ng		
15) Benzyl Alcohol	6.78	79	345615	44.23	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.90	45	747130	32.77	ng		54
17) 2-Methylphenol	6.90	107	320281	39.40	ng	#	80
18) Hexachloroethane	7.12	117	152463	35.94	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	308199	38.97	ng	#	82
20) 3+4-Methylphenols	7.06	107	420903	39.64	ng	#	61
22) Acetophenone	7.04	105	558719	40.61	ng		96
24) Nitrobenzene	7.21	77	460596	38.59	ng		92
25) Isophorone	7.45	82	831033	38.61	ng		98
26) 2-Nitrophenol	7.53	139	196040	37.37	ng		96
27) 2,4-Dimethylphenol	7.59	122	340472	38.10	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	496446	42.76	ng		99
29) 2,4-Dichlorophenol	7.78	162	314090	39.93	ng		94
30) 1,2,4-Trichlorobenzene	7.85	180	337652	38.39	ng		99
31) Naphthalene	7.92	128	1053691	36.11	ng		99
32) Benzoic acid	7.74	122	174517	33.25	ng	#	81
33) 4-Chloroaniline	7.99	127	91628	8.08	ng	#	91
34) Hexachlorobutadiene	8.04	225	192940	37.81	ng		96
35) Caprolactam	8.36	113	103238m	38.58	ng		
36) 4-Chloro-3-methylphenol	8.49	107	347360	36.42	ng		87
37) 2-Methylnaphthalene	8.62	142	744506	43.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	289441	35.37	ng		98
40) Hexachlorocyclopentadiene	8.76	237	252214	64.93	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	199711	36.49	ng		95
43) 2,4,5-Trichlorophenol	8.96	196	195129	34.48	ng		95
45) 1,1'-Biphenyl	9.08	154	870083	38.86	ng		98
46) 2-Chloronaphthalene	9.10	162	647705	36.92	ng	#	92
47) 2-Nitroaniline	9.21	65	255017	39.78	ng	#	76
48) Acenaphthylene	9.51	152	978175	37.91	ng		99
49) Dimethylphthalate	9.39	163	829821	38.64	ng		100
50) 2,6-Dinitrotoluene	9.45	165	158133	34.99	ng	#	66
51) Acenaphthene	9.68	154	601318	37.47	ng		99
52) 3-Nitroaniline	9.62	138	64281	13.51	ng		83
53) 2,4-Dinitrophenol	9.74	184	106682	49.44	ng		90
54) Dibenzofuran	9.85	168	867820	42.12	ng		91
55) 4-Nitrophenol	9.82	139	204705m	65.41	ng		
56) 2,4-Dinitrotoluene	9.86	165	235096	42.03	ng	#	78
57) Fluorene	10.19	166	635083	36.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	180076	42.26	ng		98
59) Diethylphthalate	10.09	149	843147	40.29	ng		97
60) 4-Chlorophenyl-phenylether	10.19	204	338367	44.03	ng		89
61) 4-Nitroaniline	10.24	138	155092	33.94	ng	#	71
62) Azobenzene	10.35	77	988186	43.77	ng		87
64) 4,6-Dinitro-2-methylphenol	10.26	198	96239	29.35	ng	#	21
65) n-Nitrosodiphenylamine	10.32	169	675370	41.65	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	200515	37.47	ng	#	87
67) Hexachlorobenzene	10.74	284	254755	40.73	ng	#	91
68) Atrazine	10.86	200	213800	39.47	ng		96
69) Pentachlorophenol	10.95	266	203818	70.51	ng		97
70) Phenanthrene	11.15	178	1162552	41.27	ng		100
71) Anthracene	11.20	178	1050221	36.45	ng		99
72) Carbazole	11.37	167	1055384	42.62	ng		100
73) Di-n-butylphthalate	11.70	149	1212808	40.10	ng	#	98
74) Fluoranthene	12.33	202	1046423	36.12	ng		98
76) Benzidine	12.47	184	231535	27.46	ng		96
77) Pyrene	12.56	202	1154232	45.59	ng		100
79) Butylbenzylphthalate	13.19	149	478496	44.68	ng	#	71
80) Benzo(a)anthracene	13.75	228	807966	43.52	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	142986	12.12	ng	#	97
82) Chrysene	13.78	228	843347	44.66	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	609727	47.33	ng	#	96
84) Di-n-octyl phthalate	14.35	149	1026693	48.12	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.37	276	727563	46.31	ng		95
87) Benzo(b)fluoranthene	14.74	252	670895m	34.37	ng		
88) Benzo(k)fluoranthene	14.77	252	679837m	42.53	ng		
89) Benzo(a)pyrene	15.06	252	679002	40.33	ng		98
90) Dibenzo(a,h)anthracene	16.37	278	610511	43.02	ng		98
91) Benzo(g,h,i)perylene	16.73	276	620162	43.01	ng	#	92

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

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