Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085887.D
Acq On : 30 Mar 2016 15:39
Operator : UM/SJ
Sample : PB89280BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89280BSD

Manual Integrations APPROVED
Sohil
3/31/2016 4:51:40 PM

Quant Time: Mar 31 03:18:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100973	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	414455	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	195963	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	363247	20.00	ng		0.00
75) Chrysene-d12	13.96	240	272209	20.00	ng		-0.01
86) Perylene-d12	15.37	264	175309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	503149	82.99	ng		0.00
7) Phenol-d6	6.44	99	632924	82.11	ng		-0.01
23) Nitrobenzene-d5	7.36	82	575762	78.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	159278	85.55	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1064650	90.77	ng		0.00
78) Terphenyl-d14	12.91	244	921896	69.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	96926	33.48	ng		97
3) Pyridine	3.12	79	307285	44.27	ng		98
4) n-Nitrosodimethylamine	3.08	42	123037	44.28	ng		99
6) Aniline	6.47	93	54696	5.27	ng	#	87
8) 2-Chlorophenol	6.58	128	301903	42.86	ng		97
9) Benzaldehyde	6.34	77	101183	21.79	ng		95
10) Phenol	6.45	94	320967	36.75	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	291102	43.31	ng		96
12) 1,3-Dichlorobenzene	6.73	146	293134m	38.64	ng		
13) 1,4-Dichlorobenzene	6.81	146	308407	40.09	ng		97
14) 1,2-Dichlorobenzene	6.97	146	274340	38.26	ng		96
15) Benzyl Alcohol	6.95	79	186511	36.26	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	337595	37.86	ng		87
17) 2-Methylphenol	7.06	107	251103	44.53	ng		99
18) Hexachloroethane	7.30	117	109718	38.95	ng	#	84
19) n-Nitroso-di-n-propylamine	7.21	70	184478	39.97	ng		92
20) 3+4-Methylphenols	7.22	107	304826	44.96	ng	#	66
22) Acetophenone	7.21	105	382982	39.67	ng	#	94
24) Nitrobenzene	7.38	77	305670	40.29	ng		97
25) Isophorone	7.62	82	555159	39.16	ng		98
26) 2-Nitrophenol	7.70	139	162953	42.93	ng		97
27) 2,4-Dimethylphenol	7.75	122	288903	43.55	ng		95
28) bis(2-Chloroethoxy)methane	7.84	93	355985	44.07	ng		99
29) 2,4-Dichlorophenol	7.94	162	227207	40.74	ng		93
30) 1,2,4-Trichlorobenzene	8.02	180	238904	38.59	ng		99
31) Naphthalene	8.10	128	803816	38.49	ng		99
32) Benzoic acid	7.88	122	154015	34.96	ng		99
33) 4-Chloroaniline	8.17	127	18426	2.16	ng		99
34) Hexachlorobutadiene	8.22	225	123994	36.85	ng		98
35) Caprolactam	8.53	113	75048m	37.99	ng		
36) 4-Chloro-3-methylphenol	8.65	107	252523	38.76	ng		97
37) 2-Methylnaphthalene	8.80	142	576965	48.21	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	221372	38.09	ng		99
40) Hexachlorocyclopentadiene	8.95	237	178443	74.40	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	161602	41.17	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	161019	39.12	ng		99
45) 1,1'-Biphenyl	9.26	154	616920	37.31	ng		99
46) 2-Chloronaphthalene	9.29	162	494973	40.71	ng		98
47) 2-Nitroaniline	9.38	65	123053	33.09	ng		86
48) Acenaphthylene	9.70	152	834083	42.10	ng		99
49) Dimethylphthalate	9.57	163	584090	39.29	ng		100
50) 2,6-Dinitrotoluene	9.64	165	136154	42.55	ng	#	68
51) Acenaphthene	9.88	154	491240	40.59	ng		99
52) 3-Nitroaniline	9.81	138	17021	4.65	ng		87
53) 2,4-Dinitrophenol	9.91	184	122039	75.82	ng		96
54) Dibenzofuran	10.05	168	707638	45.18	ng		98
55) 4-Nitrophenol	9.98	139	193530	81.10	ng	#	83
56) 2,4-Dinitrotoluene	10.04	165	159296	39.16	ng	#	53
57) Fluorene	10.39	166	575969	44.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	130726	45.70	ng		94
59) Diethylphthalate	10.26	149	579459	39.45	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	246739	38.76	ng		99
61) 4-Nitroaniline	10.41	138	86249	24.62	ng		97
62) Azobenzene	10.54	77	597485	42.33	ng		100
64) 4,6-Dinitro-2-methylphenol	10.45	198	97094	45.64	ng	#	70
65) n-Nitrosodiphenylamine	10.50	169	267485	23.25	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	159043	42.80	ng		97
67) Hexachlorobenzene	10.94	284	169419	43.59	ng		99
68) Atrazine	11.03	200	83347	21.46	ng		98
69) Pentachlorophenol	11.13	266	161110	84.44	ng		99
70) Phenanthrene	11.35	178	856260	45.91	ng		100
71) Anthracene	11.40	178	795020	40.60	ng		99
72) Carbazole	11.56	167	375023	22.81	ng		98
73) Di-n-butylphthalate	11.89	149	957636	42.45	ng		100
74) Fluoranthene	12.54	202	853611	43.06	ng		89
76) Benzidine	12.67	184	28348	2.96	ng		98
77) Pyrene	12.76	202	835997	37.36	ng		98
79) Butylbenzylphthalate	13.39	149	388329	41.44	ng		100
80) Benzo(a)anthracene	13.95	228	660039	42.52	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	29151	2.71	ng		99
82) Chrysene	13.99	228	678521	43.40	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	478698	42.67	ng		98
84) Di-n-octyl phthalate	14.55	149	798535	47.86	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	499272	41.36	ng		99
87) Benzo(b)fluoranthene	14.97	252	593465m	53.74	ng		
88) Benzo(k)fluoranthene	15.00	252	520728m	52.30	ng		
89) Benzo(a)pyrene	15.32	252	501559	51.15	ng		99
90) Dibenzo(a,h)anthracene	16.76	278	428500	47.03	ng		97
91) Benzo(g,h,i)perylene	17.17	276	415932	45.09	ng		94

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

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