Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085884.D
Acq On : 30 Mar 2016 14:15
Operator : UM/SJ
Sample : PB89268BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Manual Integrations APPROVED
Sohil
3/31/2016 4:51:35 PM

Quant Time: Mar 31 03:09:44 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	98576	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	401790	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	191932	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	356981	20.00	ng		0.00
75) Chrysene-d12	13.96	240	270629	20.00	ng		-0.01
86) Perylene-d12	15.37	264	220093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	635802	107.42	ng		0.00
7) Phenol-d6	6.44	99	824569	109.57	ng		-0.01
23) Nitrobenzene-d5	7.36	82	493790	69.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	188702	103.48	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	930656	81.01	ng		0.00
78) Terphenyl-d14	12.91	244	819000	62.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	91844	32.50	ng		99
3) Pyridine	3.13	79	234653	34.63	ng		99
4) n-Nitrosodimethylamine	3.08	42	108006	39.82	ng		98
6) Aniline	6.46	93	206343	20.37	ng	#	59
8) 2-Chlorophenol	6.58	128	270619	39.35	ng		98
9) Benzaldehyde	6.34	77	36246	7.99	ng		99
10) Phenol	6.46	94	284753	33.40	ng	#	69
11) bis(2-Chloroethyl)ether	6.54	93	249381	38.01	ng		97
12) 1,3-Dichlorobenzene	6.73	146	268549m	36.26	ng		
13) 1,4-Dichlorobenzene	6.81	146	283281	37.72	ng		98
14) 1,2-Dichlorobenzene	6.97	146	247995	35.43	ng		95
15) Benzyl Alcohol	6.95	79	211446	42.11	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	305000	35.04	ng		92
17) 2-Methylphenol	7.06	107	222577	40.43	ng		100
18) Hexachloroethane	7.30	117	100553	36.56	ng	#	83
19) n-Nitroso-di-n-propylamine	7.21	70	164077	36.41	ng		92
20) 3+4-Methylphenols	7.21	107	265128	40.05	ng	#	78
22) Acetophenone	7.21	105	337272	36.03	ng	#	95
24) Nitrobenzene	7.38	77	278870	37.92	ng		96
25) Isophorone	7.62	82	500492	36.41	ng		98
26) 2-Nitrophenol	7.70	139	143364	38.96	ng		99
27) 2,4-Dimethylphenol	7.75	122	243377	37.84	ng		94
28) bis(2-Chloroethoxy)methane	7.84	93	319060	40.74	ng		99
29) 2,4-Dichlorophenol	7.94	162	203426	37.63	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	212884	35.47	ng		98
31) Naphthalene	8.10	128	732890	36.20	ng		99
32) Benzoic acid	7.88	122	138496	32.42	ng		91
33) 4-Chloroaniline	8.16	127	109480	13.24	ng		97
34) Hexachlorobutadiene	8.22	225	112668	34.54	ng		98
35) Caprolactam	8.53	113	69120m	36.09	ng		
36) 4-Chloro-3-methylphenol	8.65	107	240070	38.01	ng		95
37) 2-Methylnaphthalene	8.80	142	522974	44.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	192095	33.75	ng		98
40) Hexachlorocyclopentadiene	8.95	237	143677	62.80	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	139851	36.38	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	140316	34.81	ng		97
45) 1,1'-Biphenyl	9.26	154	543824	33.58	ng		99
46) 2-Chloronaphthalene	9.29	162	435523	36.57	ng		97
47) 2-Nitroaniline	9.38	65	127200	34.93	ng		89
48) Acenaphthylene	9.70	152	741602	38.22	ng		99
49) Dimethylphthalate	9.57	163	530220	36.41	ng		99
50) 2,6-Dinitrotoluene	9.64	165	112658	35.94	ng	#	60
51) Acenaphthene	9.88	154	433037	36.53	ng		99
52) 3-Nitroaniline	9.80	138	72878	20.31	ng		94
53) 2,4-Dinitrophenol	9.91	184	93066	60.37	ng		97
54) Dibenzofuran	10.05	168	640262	41.74	ng		99
55) 4-Nitrophenol	9.98	139	156748	67.06	ng	#	78
56) 2,4-Dinitrotoluene	10.04	165	143933	36.13	ng	#	54
57) Fluorene	10.39	166	505166	39.61	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	113938	40.66	ng		95
59) Diethylphthalate	10.26	149	520411	36.17	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	221931	35.59	ng		98
61) 4-Nitroaniline	10.41	138	123263	35.92	ng		91
62) Azobenzene	10.54	77	570277	41.25	ng		99
64) 4,6-Dinitro-2-methylphenol	10.45	198	76693	36.68	ng		80
65) n-Nitrosodiphenylamine	10.50	169	453040	40.07	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	140948	38.59	ng		96
67) Hexachlorobenzene	10.94	284	151252	39.60	ng		98
68) Atrazine	11.03	200	142757	37.40	ng		99
69) Pentachlorophenol	11.13	266	133508	71.20	ng		98
70) Phenanthrene	11.35	178	759414	41.43	ng		99
71) Anthracene	11.40	178	704838	36.63	ng		100
72) Carbazole	11.56	167	662941	41.04	ng		99
73) Di-n-butylphthalate	11.89	149	853652	38.51	ng		99
74) Fluoranthene	12.53	202	724236	37.17	ng		100
76) Benzidine	12.65	184	225184	23.63	ng		97
77) Pyrene	12.76	202	739588	33.25	ng		98
79) Butylbenzylphthalate	13.39	149	352646	37.85	ng		99
80) Benzo(a)anthracene	13.95	228	595271	38.58	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	93210	8.70	ng		99
82) Chrysene	13.99	228	567525	36.51	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	431560	38.69	ng	#	94
84) Di-n-octyl phthalate	14.55	149	702676	42.36	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	455130	37.92	ng		99
87) Benzo(b)fluoranthene	14.97	252	526910m	38.00	ng		
88) Benzo(k)fluoranthene	15.00	252	463538m	37.08	ng		
89) Benzo(a)pyrene	15.32	252	471734	38.32	ng		99
90) Dibenzo(a,h)anthracene	16.76	278	384770	33.64	ng		97
91) Benzo(g,h,i)perylene	17.17	276	379575	32.77	ng	#	94

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

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