Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087798.D
Acq On : 7 Jun 2016 19:53
Operator : UM/SJ
Sample : PB91075BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Manual Integrations APPROVED
sohil
6/8/2016 7:14:54 PM

Quant Time: Jun 08 04:12:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	93082	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	376263	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	184695	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	358233	20.00	ng		0.00
75) Chrysene-d12	13.99	240	272360	20.00	ng		0.00
86) Perylene-d12	15.39	264	213402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	686422	126.07	ng		0.02
7) Phenol-d6	6.48	99	807870	122.43	ng		0.00
23) Nitrobenzene-d5	7.40	82	507368	78.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	249492	127.93	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1038158	88.53	ng		-0.01
78) Terphenyl-d14	12.94	244	881413	73.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	80627	30.47	ng	#	34
3) Pyridine	3.21	79	244700	39.17	ng		99
4) n-Nitrosodimethylamine	3.15	42	101638	38.42	ng		94
6) Aniline	6.50	93	213890	22.77	ng		99
8) 2-Chlorophenol	6.63	128	277683	43.09	ng		88
9) Benzaldehyde	6.38	77	14959	3.11	ng	#	78
10) Phenol	6.49	94	340146	50.21	ng		89
11) bis(2-Chloroethyl)ether	6.58	93	246368	42.58	ng		88
12) 1,3-Dichlorobenzene	6.78	146	257978	37.31	ng		98
13) 1,4-Dichlorobenzene	6.86	146	264372	37.95	ng		98
14) 1,2-Dichlorobenzene	7.02	146	255368	40.31	ng		99
15) Benzyl Alcohol	6.98	79	202401	39.21	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	325927	41.69	ng		91
17) 2-Methylphenol	7.10	107	217160	41.55	ng		99
18) Hexachloroethane	7.36	117	101182	40.94	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	166179	39.37	ng		94
20) 3+4-Methylphenols	7.26	107	267173	43.81	ng	#	87
22) Acetophenone	7.26	105	343453	40.85	ng	#	91
24) Nitrobenzene	7.43	77	281922	45.17	ng		99
25) Isophorone	7.67	82	492922	41.30	ng		99
26) 2-Nitrophenol	7.75	139	145193	43.43	ng	#	71
27) 2,4-Dimethylphenol	7.78	122	254428	41.33	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	318983	43.09	ng		100
29) 2,4-Dichlorophenol	7.99	162	235404	45.80	ng		92
30) 1,2,4-Trichlorobenzene	8.07	180	224194	40.06	ng		99
31) Naphthalene	8.15	128	755189	40.56	ng		99
32) Benzoic acid	7.91	122	170308	50.24	ng		86
33) 4-Chloroaniline	8.19	127	131897	15.86	ng		97
34) Hexachlorobutadiene	8.27	225	121310	41.10	ng		99
35) Caprolactam	8.57	113	79003m	46.40	ng		
36) 4-Chloro-3-methylphenol	8.68	107	241141	43.87	ng		98
37) 2-Methylnaphthalene	8.83	142	509775	41.54	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	208949	42.73	ng	#	1
40) Hexachlorocyclopentadiene	8.99	237	235213	78.95	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	176556	47.80	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	166206	43.25	ng		98
45) 1,1'-Biphenyl	9.30	154	610377	43.87	ng		99
46) 2-Chloronaphthalene	9.32	162	484775	40.56	ng		99
47) 2-Nitroaniline	9.42	65	141928	40.26	ng		99
48) Acenaphthylene	9.74	152	772501	40.64	ng		100
49) Dimethylphthalate	9.61	163	631274	47.18	ng		99
50) 2,6-Dinitrotoluene	9.67	165	149274	48.72	ng		94
51) Acenaphthene	9.91	154	526068	44.36	ng		99
52) 3-Nitroaniline	9.83	138	74433	21.05	ng		98
53) 2,4-Dinitrophenol	9.94	184	141886	83.53	ng	#	62
54) Dibenzofuran	10.08	168	697912	42.73	ng	#	89
55) 4-Nitrophenol	10.00	139	230297	83.92	ng		87
56) 2,4-Dinitrotoluene	10.07	165	188376	47.84	ng	#	78
57) Fluorene	10.42	166	481139	43.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	139102	46.06	ng	#	57
59) Diethylphthalate	10.31	149	606437	44.78	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	237265	43.68	ng		94
61) 4-Nitroaniline	10.44	138	129219	38.53	ng		97
62) Azobenzene	10.58	77	610306	45.57	ng		93
64) 4,6-Dinitro-2-methylphenol	10.47	198	83247	37.71	ng		90
65) n-Nitrosodiphenylamine	10.54	169	457855	38.52	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	153175	39.86	ng	#	86
67) Hexachlorobenzene	10.97	284	169502	42.45	ng	#	90
68) Atrazine	11.06	200	136552	37.94	ng		92
69) Pentachlorophenol	11.16	266	191342	90.90	ng		99
70) Phenanthrene	11.38	178	767446	40.83	ng		100
71) Anthracene	11.44	178	822018	43.35	ng		98
72) Carbazole	11.59	167	760160	42.84	ng		99
73) Di-n-butylphthalate	11.92	149	886574	39.47	ng		100
74) Fluoranthene	12.56	202	797277	40.19	ng		97
76) Benzidine	12.69	184	231528	30.70	ng		98
77) Pyrene	12.79	202	760580	37.63	ng		100
79) Butylbenzylphthalate	13.42	149	407622	45.62	ng		95
80) Benzo(a)anthracene	13.98	228	616261	39.71	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	124880	29.92	ng		99
82) Chrysene	14.01	228	613869	42.04	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	495966	45.60	ng	#	98
84) Di-n-octyl phthalate	14.58	149	829190	46.91	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	564131	41.58	ng	#	100
87) Benzo(b)fluoranthene	14.99	252	550839	37.03	ng	#	97
88) Benzo(k)fluoranthene	15.03	252	565917m	50.44	ng		
89) Benzo(a)pyrene	15.34	252	516111	42.89	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	463801	41.50	ng	#	95
91) Benzo(g,h,i)perylene	17.19	276	476471	41.44	ng		99

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

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