Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087797.D
Acq On : 7 Jun 2016 19:24
Operator : UM/SJ
Sample : PB91075BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Manual Integrations APPROVED
sohil
6/8/2016 7:15:00 PM

Quant Time: Jun 08 04:08:52 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	98316	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	411080	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	205412	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	392625	20.00	ng		0.00
75) Chrysene-d12	13.99	240	296307	20.00	ng		0.00
86) Perylene-d12	15.39	264	228316	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	692644	120.44	ng		0.01
7) Phenol-d6	6.48	99	817297	117.26	ng		0.00
23) Nitrobenzene-d5	7.40	82	527384	74.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	264992	122.18	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1089990	83.24	ng		0.00
78) Terphenyl-d14	12.94	244	889298	68.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	76325	27.31	ng	#	29
3) Pyridine	3.21	79	212060	32.14	ng		97
4) n-Nitrosodimethylamine	3.15	42	108472	38.82	ng		91
6) Aniline	6.50	93	265138	26.73	ng		99
8) 2-Chlorophenol	6.63	128	292256	42.93	ng		90
9) Benzaldehyde	6.38	77	14546	2.91	ng	#	77
10) Phenol	6.49	94	342753	47.78	ng		86
11) bis(2-Chloroethyl)ether	6.58	93	259664	42.49	ng		88
12) 1,3-Dichlorobenzene	6.78	146	267434	36.62	ng		98
13) 1,4-Dichlorobenzene	6.86	146	272347	37.02	ng		99
14) 1,2-Dichlorobenzene	7.02	146	268997	40.20	ng		98
15) Benzyl Alcohol	6.98	79	218057	39.99	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	340244	41.21	ng		92
17) 2-Methylphenol	7.10	107	229236	41.53	ng		100
18) Hexachloroethane	7.36	117	105464	40.40	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	179754	40.31	ng		95
20) 3+4-Methylphenols	7.26	107	280779	43.59	ng	#	87
22) Acetophenone	7.26	105	347113	37.78	ng	#	90
24) Nitrobenzene	7.43	77	296935	43.54	ng		96
25) Isophorone	7.67	82	510663	39.16	ng		99
26) 2-Nitrophenol	7.75	139	153181	41.93	ng	#	72
27) 2,4-Dimethylphenol	7.78	122	259099	38.52	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	339782	42.01	ng		99
29) 2,4-Dichlorophenol	7.99	162	254169	45.26	ng		92
30) 1,2,4-Trichlorobenzene	8.07	180	231065	37.79	ng		100
31) Naphthalene	8.15	128	793264	38.99	ng		99
32) Benzoic acid	7.91	122	170491	46.04	ng		97
33) 4-Chloroaniline	8.19	127	181568	19.99	ng		99
34) Hexachlorobutadiene	8.27	225	128816	39.95	ng		99
35) Caprolactam	8.57	113	80931m	43.51	ng		
36) 4-Chloro-3-methylphenol	8.68	107	255331	42.52	ng		97
37) 2-Methylnaphthalene	8.84	142	548216	40.89	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	222588	40.15	ng	#	1
40) Hexachlorocyclopentadiene	8.99	237	245996	74.24	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	187641	45.68	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	171284	40.08	ng		97
45) 1,1'-Biphenyl	9.30	154	630182	40.21	ng		99
46) 2-Chloronaphthalene	9.32	162	488218	36.73	ng		99
47) 2-Nitroaniline	9.42	65	152223	38.82	ng		98
48) Acenaphthylene	9.74	152	819130	38.74	ng		100
49) Dimethylphthalate	9.61	163	651564	43.79	ng		100
50) 2,6-Dinitrotoluene	9.67	165	154203	45.25	ng	#	87
51) Acenaphthene	9.91	154	560146	42.47	ng		99
52) 3-Nitroaniline	9.83	138	89604	22.79	ng		99
53) 2,4-Dinitrophenol	9.94	184	154859	82.30	ng	#	67
54) Dibenzofuran	10.09	168	737506	40.60	ng		99
55) 4-Nitrophenol	10.00	139	235863	77.28	ng		91
56) 2,4-Dinitrotoluene	10.07	165	194640	44.45	ng	#	78
57) Fluorene	10.42	166	509239	41.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	146135	43.51	ng	#	57
59) Diethylphthalate	10.31	149	650094	43.16	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	253920	42.03	ng		92
61) 4-Nitroaniline	10.45	138	138667	37.18	ng		97
62) Azobenzene	10.58	77	641189	43.05	ng		93
64) 4,6-Dinitro-2-methylphenol	10.47	198	89946	37.20	ng		94
65) n-Nitrosodiphenylamine	10.54	169	483606	37.12	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	160044	38.00	ng	#	85
67) Hexachlorobenzene	10.97	284	177376	40.53	ng	#	88
68) Atrazine	11.06	200	144699	36.68	ng		91
69) Pentachlorophenol	11.17	266	194449	84.29	ng		100
70) Phenanthrene	11.38	178	782030	37.96	ng		99
71) Anthracene	11.44	178	873655	42.04	ng		98
72) Carbazole	11.59	167	779813	40.10	ng		100
73) Di-n-butylphthalate	11.92	149	900131	36.56	ng		100
74) Fluoranthene	12.56	202	809453	37.23	ng		97
76) Benzidine	12.69	184	303403	36.98	ng		99
77) Pyrene	12.79	202	803768	36.56	ng		99
79) Butylbenzylphthalate	13.42	149	428765	44.11	ng		97
80) Benzo(a)anthracene	13.98	228	642359	38.04	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	146719	32.31	ng		98
82) Chrysene	14.01	228	610604	38.44	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	505948	42.75	ng	#	98
84) Di-n-octyl phthalate	14.58	149	838870	43.63	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	582251	39.45	ng	#	100
87) Benzo(b)fluoranthene	14.99	252	574705	36.11	ng	#	96
88) Benzo(k)fluoranthene	15.03	252	586451m	48.85	ng		
89) Benzo(a)pyrene	15.34	252	542462	42.13	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	482053	40.31	ng		96
91) Benzo(g,h,i)perylene	17.20	276	496669	40.38	ng		95

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

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