Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098275.D
Acq On : 6 Sep 2017 16:26
Operator : SJ/JU
Sample : PB102074BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102074BS

Manual Integrations APPROVED
Sohil
9/7/2017 5:44:23 PM

Quant Time: Sep 07 03:58:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	110311	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	441168	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	207816	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	417925	20.00	ng		0.00
75) Chrysene-d12	13.85	240	348012	20.00	ng		-0.01
86) Perylene-d12	15.25	264	277295	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	910018	125.48	ng		0.01
7) Phenol-d6	6.35	99	1242519	126.10	ng		0.00
23) Nitrobenzene-d5	7.26	82	767825	94.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	269657	149.55	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1219025	86.18	ng		-0.01
78) Terphenyl-d14	12.80	244	1145564	68.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	147212	36.398	ng	#	87
3) Pyridine	3.12	79	404096	36.141	ng		85
4) n-Nitrosodimethylamine	3.07	42	154591	35.933	ng	#	74
6) Aniline	6.36	93	384586	27.783	ng	#	51
8) 2-Chlorophenol	6.49	128	322275	42.137	ng		98
9) Benzaldehyde	6.24	77	81393	13.041	ng		87
10) Phenol	6.36	94	448141	38.887	ng		88
11) bis(2-Chloroethyl)ether	6.44	93	360975	41.500	ng		95
12) 1,3-Dichlorobenzene	6.63	146	324453	39.439	ng	#	94
13) 1,4-Dichlorobenzene	6.71	146	328097	39.213	ng	#	94
14) 1,2-Dichlorobenzene	6.86	146	302831	39.253	ng		99
15) Benzyl Alcohol	6.85	79	291779	39.551	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	448346	38.310	ng		84
17) 2-Methylphenol	6.96	107	286297	42.478	ng	#	94
18) Hexachloroethane	7.20	117	131850	40.194	ng	#	82
19) n-Nitroso-di-n-propylamine	7.12	70	254694	37.758	ng		90
20) 3+4-Methylphenols	7.12	107	356684	43.328	ng	#	87
22) Acetophenone	7.11	105	472037	40.502	ng	#	87
24) Nitrobenzene	7.28	77	400589	44.302	ng		94
25) Isophorone	7.52	82	722018	42.757	ng		97
26) 2-Nitrophenol	7.60	139	169307	51.279	ng	#	84
27) 2,4-Dimethylphenol	7.65	122	303811	43.139	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	467945	42.151	ng		98
29) 2,4-Dichlorophenol	7.84	162	264124	45.180	ng		91
30) 1,2,4-Trichlorobenzene	7.92	180	263251	40.621	ng		99
31) Naphthalene	8.00	128	932886	40.732	ng		99
32) Benzoic acid	7.79	122	194701	39.286	ng		90
33) 4-Chloroaniline	8.06	127	294977	30.538	ng		97
34) Hexachlorobutadiene	8.12	225	150027	39.649	ng		97
35) Caprolactam	8.44	113	93573m	47.083	ng		
36) 4-Chloro-3-methylphenol	8.55	107	321835	42.848	ng	#	80
37) 2-Methylnaphthalene	8.69	142	617373	43.967	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	244956	38.408	ng	#	97
40) Hexachlorocyclopentadiene	8.85	237	270729	88.359	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	178132	41.601	ng		97
43) 2,4,5-Trichlorophenol	9.02	196	189593	44.632	ng		97
45) 1,1'-Biphenyl	9.16	154	736409	38.859	ng		95
46) 2-Chloronaphthalene	9.18	162	540046	38.568	ng	#	92
47) 2-Nitroaniline	9.28	65	214290	45.650	ng		96
48) Acenaphthylene	9.60	152	898463	40.860	ng		99
49) Dimethylphthalate	9.47	163	667927	43.969	ng		98
50) 2,6-Dinitrotoluene	9.53	165	144391	47.619	ng	#	71
51) Acenaphthene	9.77	154	533232	38.451	ng		100
52) 3-Nitroaniline	9.69	138	138525	35.409	ng		86
53) 2,4-Dinitrophenol	9.81	184	146354	98.746	ng	#	71
54) Dibenzofuran	9.94	168	785220	42.247	ng		100
55) 4-Nitrophenol	9.87	139	239143	76.630	ng	#	46
56) 2,4-Dinitrotoluene	9.93	165	184862	48.580	ng	#	51
57) Fluorene	10.28	166	607379	42.268	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	162028	49.265	ng		92
59) Diethylphthalate	10.16	149	733012	46.143	ng		100
60) 4-Chlorophenyl-phenylether	10.27	204	282482	42.314	ng	#	85
61) 4-Nitroaniline	10.32	138	176837	47.560	ng		82
62) Azobenzene	10.43	77	819097	43.408	ng		92
64) 4,6-Dinitro-2-methylphenol	10.35	198	101971	51.123	ng	#	70
65) n-Nitrosodiphenylamine	10.40	169	566922	39.835	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	179223	41.297	ng		93
67) Hexachlorobenzene	10.83	284	174864	39.531	ng	#	89
68) Atrazine	10.93	200	176565	46.782	ng		97
69) Pentachlorophenol	11.03	266	189596	73.511	ng		98
70) Phenanthrene	11.24	178	915048	41.089	ng		100
71) Anthracene	11.29	178	935606	41.421	ng		99
72) Carbazole	11.45	167	900643	42.006	ng		98
73) Di-n-butylphthalate	11.78	149	1140190	46.168	ng		99
74) Fluoranthene	12.43	202	1004799	43.227	ng		99
76) Benzidine	12.55	184	494889m	43.371	ng		
77) Pyrene	12.65	202	1018834	35.795	ng		99
79) Butylbenzylphthalate	13.27	149	491840	45.070	ng	#	74
80) Benzo(a)anthracene	13.84	228	794929	38.112	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	219848	31.236	ng	#	95
82) Chrysene	13.88	228	817374	39.394	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	590420	48.824	ng	#	100
84) Di-n-octyl phthalate	14.44	149	1120624	53.259	ng		97
85) Indeno(1,2,3-cd)pyrene	16.62	276	586268	38.410	ng		97
87) Benzo(b)fluoranthene	14.86	252	719076	41.140	ng		99
88) Benzo(k)fluoranthene	14.89	252	714839	43.531	ng	#	95
89) Benzo(a)pyrene	15.20	252	668678	43.214	ng		99
90) Dibenzo(a,h)anthracene	16.63	278	487919	38.732	ng		100
91) Benzo(g,h,i)perylene	17.02	276	489487	37.240	ng		93

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

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