Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103554.D
Acq On : 9 Mar 2018 13:58
Operator : SJ/JU
Sample : PB107216BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107216BS

Manual Integrations APPROVED
Sohil
3/12/2018 3:50:07 PM

Quant Time: Mar 09 16:01:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135597	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	586613	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	261115	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	435915	20.00	ng		0.00
75) Chrysene-d12	14.06	240	235746	20.00	ng		0.00
86) Perylene-d12	15.57	264	228932	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1124809	125.46	ng		0.01
7) Phenol-d6	6.51	99	1336852	121.86	ng		0.00
23) Nitrobenzene-d5	7.43	82	887334	86.38	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	229124	103.67	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1255169	82.13	ng		0.00
78) Terphenyl-d14	12.99	244	1013085	103.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	176300	37.231	ng		90
3) Pyridine	3.52	79	503620m	39.838	ng		
4) n-Nitrosodimethylamine	3.45	42	248173m	48.677	ng		
6) Aniline	6.53	93	401732	25.373	ng	#	67
8) 2-Chlorophenol	6.66	128	409968	44.018	ng		95
9) Benzaldehyde	6.43	77	169770	22.437	ng		96
10) Phenol	6.52	94	529156	41.549	ng		91
11) bis(2-Chloroethyl)ether	6.60	93	426191	44.091	ng		91
12) 1,3-Dichlorobenzene	6.80	146	429459	40.350	ng		96
13) 1,4-Dichlorobenzene	6.88	146	453591	42.507	ng		99
14) 1,2-Dichlorobenzene	7.03	146	387571	39.389	ng		99
15) Benzyl Alcohol	7.02	79	325374	39.359	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	650441	39.186	ng		62
17) 2-Methylphenol	7.13	107	352175	41.609	ng	#	85
18) Hexachloroethane	7.37	117	159562	41.075	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	301470	44.154	ng		93
20) 3+4-Methylphenols	7.29	107	447424	43.366	ng	#	68
22) Acetophenone	7.28	105	586263	42.816	ng	#	89
24) Nitrobenzene	7.46	77	471684	41.707	ng		97
25) Isophorone	7.69	82	895251	44.252	ng		96
26) 2-Nitrophenol	7.77	139	232145	43.603	ng		91
27) 2,4-Dimethylphenol	7.80	122	383585	47.135	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	541611	45.535	ng		98
29) 2,4-Dichlorophenol	8.02	162	355661	45.648	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	324714	39.136	ng		97
31) Naphthalene	8.17	128	1151217	40.085	ng		99
32) Benzoic acid	7.95	122	149304	28.081	ng		95
33) 4-Chloroaniline	8.23	127	248098	20.019	ng		97
34) Hexachlorobutadiene	8.27	225	157520	36.458	ng		100
35) Caprolactam	8.61	113	118331	43.213	ng	#	86
36) 4-Chloro-3-methylphenol	8.72	107	393200	44.743	ng		96
37) 2-Methylnaphthalene	8.86	142	762474	41.080	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	281198	39.392	ng		98
40) Hexachlorocyclopentadiene	9.00	237	48649	26.070	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	190774	39.718	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	197527	35.755	ng	#	93
45) 1,1'-Biphenyl	9.33	154	863643	39.471	ng		99
46) 2-Chloronaphthalene	9.36	162	691374	39.940	ng		99
47) 2-Nitroaniline	9.46	65	293322	45.746	ng		84
48) Acenaphthylene	9.77	152	1012895	38.031	ng		99
49) Dimethylphthalate	9.62	163	772830	36.894	ng		99
50) 2,6-Dinitrotoluene	9.70	165	175174	39.850	ng	#	91
51) Acenaphthene	9.94	154	589916	37.985	ng		99
52) 3-Nitroaniline	9.88	138	153661	27.552	ng	#	99
53) 2,4-Dinitrophenol	10.00	184	78365	53.040	ng	#	20
54) Dibenzofuran	10.12	168	851117	39.923	ng		94
55) 4-Nitrophenol	10.06	139	160145	46.331	ng	#	80
56) 2,4-Dinitrotoluene	10.12	165	212064	38.144	ng	#	67
57) Fluorene	10.46	166	703261	38.724	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	150605m	40.582	ng		
59) Diethylphthalate	10.32	149	779932	38.930	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	305773	39.703	ng		99
61) 4-Nitroaniline	10.50	138	200619	36.015	ng		99
62) Azobenzene	10.61	77	880318	43.169	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	68638	28.157	ng	#	84
65) n-Nitrosodiphenylamine	10.57	169	623670	41.091	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	175963	38.750	ng		94
67) Hexachlorobenzene	11.01	284	183608	37.253	ng		94
68) Atrazine	11.10	200	190078	41.665	ng		98
69) Pentachlorophenol	11.22	266	109661	46.016	ng		99
70) Phenanthrene	11.43	178	940376	39.199	ng		99
71) Anthracene	11.48	178	1022347	41.559	ng		100
72) Carbazole	11.64	167	1002380	40.918	ng		98
73) Di-n-butylphthalate	11.95	149	1232611	40.211	ng		100
74) Fluoranthene	12.62	202	896668	37.195	ng		98
76) Benzidine	12.75	184	436946	49.577	ng		97
77) Pyrene	12.86	202	883636	48.075	ng		99
79) Butylbenzylphthalate	13.45	149	498123	51.295	ng		92
80) Benzo(a)anthracene	14.05	228	622870	40.721	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	188223	34.480	ng		99
82) Chrysene	14.09	228	623157	41.958	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	592014	45.176	ng	#	99
84) Di-n-octyl phthalate	14.63	149	995588	47.021	ng		97
85) Indeno(1,2,3-cd)pyrene	17.13	276	594977	50.602	ng		97
87) Benzo(b)fluoranthene	15.13	252	595680	39.575	ng		98
88) Benzo(k)fluoranthene	15.16	252	554062	39.090	ng		99
89) Benzo(a)pyrene	15.51	252	569539	42.372	ng		97
90) Dibenzo(a,h)anthracene	17.13	278	504210	48.545	ng		98
91) Benzo(g,h,i)perylene	17.59	276	503606	49.611	ng		96

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

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