Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103151.D
Acq On : 21 Feb 2018 21:52
Operator : SJ/JU
Sample : PB106713BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106713BS

Manual Integrations APPROVED
Sohil
2/22/2018 9:05:09 AM

Quant Time: Feb 22 02:45:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	154251	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	642753	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	273324	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	408881	20.00	ng		0.00
75) Chrysene-d12	14.05	240	264098	20.00	ng		0.00
86) Perylene-d12	15.54	264	224766	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1150387	113.26	ng		0.02
7) Phenol-d6	6.52	99	1387625	113.46	ng		0.00
23) Nitrobenzene-d5	7.45	82	906273	97.81	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	250620	113.92	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1350630	82.00	ng		0.00
78) Terphenyl-d14	12.99	244	1015603	91.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	188088	37.492	ng		91
3) Pyridine	3.50	79	530002	38.238	ng		96
4) n-Nitrosodimethylamine	3.45	42	259095	43.690	ng		99
6) Aniline	6.55	93	433651	24.011	ng		97
8) 2-Chlorophenol	6.67	128	429509	41.075	ng		98
9) Benzaldehyde	6.43	77	283069	31.168	ng		98
10) Phenol	6.53	94	545150	41.594	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	431970	39.609	ng		92
12) 1,3-Dichlorobenzene	6.82	146	452833	37.396	ng		98
13) 1,4-Dichlorobenzene	6.89	146	457427	37.922	ng		99
14) 1,2-Dichlorobenzene	7.05	146	422271	37.585	ng		97
15) Benzyl Alcohol	7.02	79	371186	39.477	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	738027	35.624	ng		99
17) 2-Methylphenol	7.13	107	375940	38.976	ng		98
18) Hexachloroethane	7.39	117	147555	35.673	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	286185	35.492	ng		98
20) 3+4-Methylphenols	7.29	107	424184	35.662	ng	#	62
22) Acetophenone	7.29	105	555731	35.332	ng	#	89
24) Nitrobenzene	7.46	77	468180	42.954	ng		99
25) Isophorone	7.70	82	866570	40.617	ng		98
26) 2-Nitrophenol	7.77	139	227653	50.330	ng		93
27) 2,4-Dimethylphenol	7.81	122	395270	43.852	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	538917	42.640	ng		99
29) 2,4-Dichlorophenol	8.02	162	356102	43.459	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	346034	37.329	ng		97
31) Naphthalene	8.18	128	1186506	37.783	ng		100
32) Benzoic acid	7.93	122	185946	33.926	ng		97
33) 4-Chloroaniline	8.23	127	156944	11.601	ng		99
34) Hexachlorobutadiene	8.29	225	174826	36.805	ng		98
35) Caprolactam	8.61	113	129677m	45.570	ng		
36) 4-Chloro-3-methylphenol	8.72	107	394456	42.845	ng		99
37) 2-Methylnaphthalene	8.87	142	785550	38.207	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	296953	39.902	ng		99
40) Hexachlorocyclopentadiene	9.02	237	45089	12.745	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	215583	44.103	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	230803	41.892	ng		98
45) 1,1'-Biphenyl	9.33	154	885936	38.483	ng		98
46) 2-Chloronaphthalene	9.36	162	714318	39.413	ng		99
47) 2-Nitroaniline	9.46	65	278175	49.614	ng		92
48) Acenaphthylene	9.78	152	1058098	37.588	ng		99
49) Dimethylphthalate	9.63	163	865899	40.630	ng		99
50) 2,6-Dinitrotoluene	9.70	165	182175	44.931	ng		98
51) Acenaphthene	9.95	154	599775	35.628	ng		99
52) 3-Nitroaniline	9.87	138	145124	29.089	ng		94
53) 2,4-Dinitrophenol	9.99	184	41896	45.371	ng	#	21
54) Dibenzofuran	10.12	168	903364	38.078	ng		96
55) 4-Nitrophenol	10.04	139	282962	69.570	ng		90
56) 2,4-Dinitrotoluene	10.11	165	228260	42.362	ng		98
57) Fluorene	10.47	166	685816	39.732	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	154170	40.374	ng		97
59) Diethylphthalate	10.33	149	815142	38.737	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	312219	40.889	ng		95
61) 4-Nitroaniline	10.49	138	192231	40.480	ng		93
62) Azobenzene	10.62	77	812587	38.654	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	35711	27.097	ng		91
65) n-Nitrosodiphenylamine	10.57	169	628395	43.571	ng		98
66) 4-Bromophenyl-phenylether	10.95	248	181866	42.048	ng		96
67) Hexachlorobenzene	11.02	284	186582	39.103	ng		95
68) Atrazine	11.10	200	187845	44.149	ng		98
69) Pentachlorophenol	11.21	266	159910	57.091	ng		98
70) Phenanthrene	11.43	178	875335	38.439	ng		99
71) Anthracene	11.49	178	906665	39.146	ng		99
72) Carbazole	11.64	167	863302	38.046	ng		100
73) Di-n-butylphthalate	11.96	149	1185327	43.004	ng		99
74) Fluoranthene	12.62	202	811095	35.402	ng		99
76) Benzidine	12.75	184	642072	52.898	ng		98
77) Pyrene	12.85	202	809455	39.086	ng		99
79) Butylbenzylphthalate	13.46	149	452361	45.715	ng		98
80) Benzo(a)anthracene	14.04	228	691257	41.619	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	265421	43.099	ng		99
82) Chrysene	14.08	228	661793	39.527	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	610941	48.157	ng		100
84) Di-n-octyl phthalate	14.63	149	1037684	54.475	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	515070	37.092	ng		98
87) Benzo(b)fluoranthene	15.10	252	578447	39.695	ng		98
88) Benzo(k)fluoranthene	15.13	252	582727	41.851	ng		99
89) Benzo(a)pyrene	15.48	252	538308	41.039	ng		97
90) Dibenzo(a,h)anthracene	17.07	278	439143	41.247	ng		100
91) Benzo(g,h,i)perylene	17.52	276	431050	41.364	ng		96

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

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