Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_F\Data\BF021618\
Data File : BF103052.D
Acq On : 16 Feb 2018 15:13
Operator : SJ/JU
Sample : J1558-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-155MS

Manual Integrations APPROVED
Sohil
2/27/2018 2:32:19 PM

Quant Time: Feb 16 16:38:35 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	183244	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	757247	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	317391	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	467798	20.00	ng		0.00
75) Chrysene-d12	14.05	240	308489	20.00	ng		0.00
86) Perylene-d12	15.54	264	290657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1267706	105.06	ng		0.01
7) Phenol-d6	6.52	99	1526511	105.07	ng		0.00
23) Nitrobenzene-d5	7.45	82	972344	89.08	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	263616	103.19	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1392832	72.82	ng		0.00
78) Terphenyl-d14	12.99	244	990672	76.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	195161	32.747	ng		87
3) Pyridine	3.49	79	546756	33.206	ng		91
4) n-Nitrosodimethylamine	3.43	42	280770	39.854	ng		99
6) Aniline	6.55	93	587253	27.371	ng		97
8) 2-Chlorophenol	6.67	128	477774	38.461	ng		98
9) Benzaldehyde	6.43	77	106873	9.906	ng		99
10) Phenol	6.53	94	648585	41.656	ng		91
11) bis(2-Chloroethyl)ether	6.62	93	488002	37.666	ng		93
12) 1,3-Dichlorobenzene	6.82	146	493806	34.328	ng		99
13) 1,4-Dichlorobenzene	6.90	146	500334	34.916	ng		98
14) 1,2-Dichlorobenzene	7.05	146	466753	34.971	ng		98
15) Benzyl Alcohol	7.02	79	419490	37.556	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	833099	33.850	ng		99
17) 2-Methylphenol	7.13	107	415524	36.264	ng		99
18) Hexachloroethane	7.39	117	167158	34.018	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	317348	33.130	ng		98
20) 3+4-Methylphenols	7.29	107	470434	33.293	ng	#	71
22) Acetophenone	7.29	105	625195	33.739	ng	#	94
24) Nitrobenzene	7.46	77	518164	40.347	ng		99
25) Isophorone	7.70	82	957220	38.082	ng		99
26) 2-Nitrophenol	7.78	139	253019	47.971	ng		94
27) 2,4-Dimethylphenol	7.82	122	426798	40.191	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	605150	40.641	ng		97
29) 2,4-Dichlorophenol	8.02	162	385118	39.893	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	377203	34.539	ng		99
31) Naphthalene	8.19	128	1299460	35.123	ng		100
32) Benzoic acid	7.89	122	29041	12.234	ng		96
33) 4-Chloroaniline	8.23	127	347432	21.799	ng		99
34) Hexachlorobutadiene	8.30	225	189844	33.924	ng		99
35) Caprolactam	8.60	113	132516m	39.527	ng		
36) 4-Chloro-3-methylphenol	8.72	107	421584	38.868	ng		98
37) 2-Methylnaphthalene	8.87	142	846157	34.932	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	325831	37.703	ng		99
40) Hexachlorocyclopentadiene	9.02	237	69040	16.805	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	234713	41.350	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	244573	38.228	ng		97
45) 1,1'-Biphenyl	9.34	154	952207	35.619	ng		99
46) 2-Chloronaphthalene	9.36	162	754070	35.829	ng		100
47) 2-Nitroaniline	9.46	65	292254	45.218	ng		94
48) Acenaphthylene	9.78	152	1116055	34.143	ng		99
49) Dimethylphthalate	9.64	163	1007248	40.701	ng		99
50) 2,6-Dinitrotoluene	9.70	165	195869	41.601	ng		97
51) Acenaphthene	9.95	154	644020	32.945	ng		98
52) 3-Nitroaniline	9.87	138	206622	35.666	ng		89
53) 2,4-Dinitrophenol	9.98	184	15733	23.504	ng	#	20
54) Dibenzofuran	10.12	168	970778	35.238	ng		96
55) 4-Nitrophenol	10.04	139	304175	64.701	ng		94
56) 2,4-Dinitrotoluene	10.11	165	241932	38.934	ng		96
57) Fluorene	10.47	166	706300	35.237	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	168738	38.054	ng		99
59) Diethylphthalate	10.33	149	850506	34.805	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	322280	36.346	ng		99
61) 4-Nitroaniline	10.49	138	209932	38.070	ng		93
62) Azobenzene	10.62	77	822120	33.677	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	22415	19.101	ng		95
65) n-Nitrosodiphenylamine	10.57	169	653313	39.593	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	195153	39.437	ng		97
67) Hexachlorobenzene	11.02	284	195513	35.815	ng		96
68) Atrazine	11.10	200	187221	38.461	ng		97
69) Pentachlorophenol	11.21	266	172596	53.859	ng		99
70) Phenanthrene	11.43	178	910469	34.946	ng		99
71) Anthracene	11.49	178	938803	35.428	ng		99
72) Carbazole	11.64	167	902855	34.778	ng		100
73) Di-n-butylphthalate	11.96	149	1198827	38.016	ng		100
74) Fluoranthene	12.62	202	837389	31.946	ng		98
76) Benzidine	12.74	184	567304	40.012	ng		97
77) Pyrene	12.85	202	843440	34.867	ng		99
79) Butylbenzylphthalate	13.46	149	462859	40.172	ng		93
80) Benzo(a)anthracene	14.04	228	716148	36.913	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	288179	40.061	ng		97
82) Chrysene	14.08	228	683944	34.971	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	632563	42.687	ng		99
84) Di-n-octyl phthalate	14.63	149	1063352	47.790	ng		98
85) Indeno(1,2,3-cd)pyrene	17.05	276	617205	38.051	ng		98
87) Benzo(b)fluoranthene	15.10	252	708512	37.598	ng		97
88) Benzo(k)fluoranthene	15.13	252	612227	34.002	ng		99
89) Benzo(a)pyrene	15.48	252	617883	36.427	ng		97
90) Dibenzo(a,h)anthracene	17.07	278	517389	37.580	ng		100
91) Benzo(g,h,i)perylene	17.51	276	503450	37.360	ng		97

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

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