Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103074.D
Acq On : 19 Feb 2018 11:39
Operator : SJ/JU
Sample : J1399-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMS

Manual Integrations APPROVED
Sohil
2/20/2018 10:20:17 AM

Quant Time: Feb 19 16:19:20 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	6.88	152	172772	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	730134	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	332156	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	587390	20.00	ng		0.00
75) Chrysene-d12	14.06	240	408402	20.00	ng		0.00
86) Perylene-d12	15.55	264	357001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1213956	106.71	ng		0.02
7) Phenol-d6	6.52	99	1386032	101.18	ng		0.01
23) Nitrobenzene-d5	7.45	82	1030109	97.87	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	348313	130.29	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1625100	81.19	ng		0.00
78) Terphenyl-d14	13.00	244	1579122	91.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	197615	35.168	ng	#	72
3) Pyridine	3.55	79	506526	32.627	ng		95
4) n-Nitrosodimethylamine	3.50	42	274044	41.257	ng		100
6) Aniline	6.55	93	459063	22.693	ng		93
8) 2-Chlorophenol	6.67	128	494609	42.230	ng		99
9) Benzaldehyde	6.43	77	53338	5.243	ng		97
10) Phenol	6.53	94	552672	37.648	ng		92
11) bis(2-Chloroethyl)ether	6.62	93	501928	41.090	ng		89
12) 1,3-Dichlorobenzene	6.82	146	510747	37.657	ng		99
13) 1,4-Dichlorobenzene	6.90	146	517462	38.300	ng		99
14) 1,2-Dichlorobenzene	7.05	146	473446	37.623	ng		99
15) Benzyl Alcohol	7.02	79	437162	41.510	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	865297	37.289	ng		97
17) 2-Methylphenol	7.13	107	424277	39.272	ng		98
18) Hexachloroethane	7.39	117	191787	41.396	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	333514	36.928	ng		97
20) 3+4-Methylphenols	7.29	107	473627	35.550	ng	#	66
22) Acetophenone	7.29	105	654296	36.620	ng	#	91
24) Nitrobenzene	7.46	77	557208	45.007	ng		98
25) Isophorone	7.70	82	1030606	42.524	ng		99
26) 2-Nitrophenol	7.78	139	289936	55.378	ng		95
27) 2,4-Dimethylphenol	7.82	122	460595	44.984	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	642641	44.762	ng		99
29) 2,4-Dichlorophenol	8.02	162	421896	45.326	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	416193	39.525	ng		98
31) Naphthalene	8.19	128	1412168	39.587	ng		99
32) Benzoic acid	7.94	122	218807	34.749	ng		96
33) 4-Chloroaniline	8.23	127	188162	12.244	ng		99
34) Hexachlorobutadiene	8.29	225	207133	38.388	ng		99
35) Caprolactam	8.61	113	127261m	39.369	ng		
36) 4-Chloro-3-methylphenol	8.72	107	472115	45.143	ng		97
37) 2-Methylnaphthalene	8.87	142	963033	41.234	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	367657	40.652	ng		97
40) Hexachlorocyclopentadiene	9.02	237	288427	67.086	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	274942	46.284	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	292252	43.650	ng		98
45) 1,1'-Biphenyl	9.34	154	1106798	39.562	ng		99
46) 2-Chloronaphthalene	9.37	162	892052	40.502	ng		98
47) 2-Nitroaniline	9.46	65	342952	50.283	ng		89
48) Acenaphthylene	9.79	152	1340828	39.195	ng		99
49) Dimethylphthalate	9.64	163	1106149	42.710	ng		100
50) 2,6-Dinitrotoluene	9.70	165	248407	50.414	ng		95
51) Acenaphthene	9.96	154	786981	38.468	ng		99
52) 3-Nitroaniline	9.87	138	193876	31.978	ng		98
53) 2,4-Dinitrophenol	9.99	184	156548	88.118	ng	#	18
54) Dibenzofuran	10.13	168	1194205	41.421	ng		97
55) 4-Nitrophenol	10.05	139	379899	76.438	ng		93
56) 2,4-Dinitrotoluene	10.12	165	324483	49.032	ng	#	95
57) Fluorene	10.47	166	914128	43.579	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	224956	48.477	ng		99
59) Diethylphthalate	10.34	149	1068629	41.788	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	408428	44.015	ng		99
61) 4-Nitroaniline	10.50	138	298181	51.670	ng		92
62) Azobenzene	10.62	77	1058655	41.439	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	128070	51.183	ng		83
65) n-Nitrosodiphenylamine	10.58	169	842717	40.674	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	262442	42.237	ng		93
67) Hexachlorobenzene	11.02	284	279251	40.739	ng		92
68) Atrazine	11.11	200	263826	43.163	ng		96
69) Pentachlorophenol	11.22	266	267022	66.361	ng		98
70) Phenanthrene	11.44	178	1319344	40.330	ng		99
71) Anthracene	11.49	178	1394176	41.901	ng		99
72) Carbazole	11.65	167	1344383	41.242	ng		99
73) Di-n-butylphthalate	11.96	149	1685922	42.577	ng		99
74) Fluoranthene	12.63	202	1345619	40.883	ng		100
76) Benzidine	12.75	184	403815	21.514	ng		98
77) Pyrene	12.86	202	1377293	43.007	ng		100
79) Butylbenzylphthalate	13.46	149	732628	47.829	ng		99
80) Benzo(a)anthracene	14.04	228	1153520	44.911	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	244325	25.656	ng		97
82) Chrysene	14.09	228	1071489	41.384	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	972447	49.569	ng		99
84) Di-n-octyl phthalate	14.64	149	1535214	52.117	ng		100
85) Indeno(1,2,3-cd)pyrene	17.07	276	981486	45.706	ng		99
87) Benzo(b)fluoranthene	15.12	252	981051	42.386	ng		98
88) Benzo(k)fluoranthene	15.14	252	957556	43.298	ng		99
89) Benzo(a)pyrene	15.49	252	928356	44.560	ng		98
90) Dibenzo(a,h)anthracene	17.09	278	800393	47.332	ng		100
91) Benzo(g,h,i)perylene	17.53	276	859324	51.918	ng		95

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

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