Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107757.D
Acq On : 27 Jul 2018 20:22
Operator : JU/SJ
Sample : J4143-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MSD

Manual Integrations APPROVED
Sohil
7/30/2018 2:03:01 PM

Quant Time: Jul 30 04:15:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	163426	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	625395	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	259298	20.00	ng		-0.02
63) Phenanthrene-d10	11.50	188	430663	20.00	ng		-0.01
75) Chrysene-d12	14.17	240	323707	20.00	ng		0.00
86) Perylene-d12	15.69	264	368124	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	963138	94.75	ng		0.00
7) Phenol-d6	6.60	99	1170470	95.90	ng		-0.01
23) Nitrobenzene-d5	7.53	82	752433	81.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	316841	107.45	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1381378	93.85	ng		-0.02
78) Terphenyl-d14	13.08	244	1157598	91.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	114298	24.159	ng		92
3) Pyridine	3.64	79	272476	21.170	ng		86
4) n-Nitrosodimethylamine	3.61	42	93796	17.279	ng	#	89
6) Aniline	6.64	93	327157	20.783	ng	#	71
8) 2-Chlorophenol	6.75	128	369033	33.888	ng		96
9) Benzaldehyde	6.52	77	193926	23.334	ng		99
10) Phenol	6.62	94	446914	31.136	ng		92
11) bis(2-Chloroethyl)ether	6.70	93	302541	25.423	ng		94
12) 1,3-Dichlorobenzene	6.90	146	388677	31.480	ng		98
13) 1,4-Dichlorobenzene	6.98	146	420754	33.249	ng		99
14) 1,2-Dichlorobenzene	7.13	146	379137	33.385	ng		100
15) Benzyl Alcohol	7.11	79	265733	31.946	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	583627	29.071	ng		79
17) 2-Methylphenol	7.22	107	290744	31.412	ng	#	88
18) Hexachloroethane	7.47	117	133220	30.014	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	245882	31.185	ng		94
20) 3+4-Methylphenols	7.37	107	391673	35.637	ng	#	53
22) Acetophenone	7.37	105	535436	36.455	ng	#	90
24) Nitrobenzene	7.55	77	344752	32.481	ng		96
25) Isophorone	7.78	82	701344	35.446	ng		98
26) 2-Nitrophenol	7.86	139	203634	45.432	ng		95
27) 2,4-Dimethylphenol	7.90	122	313974	37.007	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	435151	32.909	ng		99
29) 2,4-Dichlorophenol	8.11	162	305948	35.281	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	331360	34.021	ng		99
31) Naphthalene	8.27	128	1260684	45.841	ng		99
32) Benzoic acid	7.97	122	26759m	11.674	ng		
33) 4-Chloroaniline	8.32	127	249906	20.790	ng		98
34) Hexachlorobutadiene	8.37	225	195067	33.705	ng		97
35) Caprolactam	8.68	113	84576	29.985	ng	#	82
36) 4-Chloro-3-methylphenol	8.80	107	313076	32.501	ng		99
37) 2-Methylnaphthalene	8.95	142	771263	40.471	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	331840	38.369	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	25576	5.817	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	196064	35.417	ng		100
43) 2,4,5-Trichlorophenol	9.28	196	224202	38.751	ng		96
45) 1,1'-Biphenyl	9.42	154	887805	39.304	ng		98
46) 2-Chloronaphthalene	9.45	162	632712	36.646	ng		98
47) 2-Nitroaniline	9.55	65	203086	40.347	ng		94
48) Acenaphthylene	9.87	152	1063921	41.021	ng		99
49) Dimethylphthalate	9.71	163	805653	41.226	ng		100
50) 2,6-Dinitrotoluene	9.79	165	146589	37.781	ng		94
51) Acenaphthene	10.04	154	834056	51.325	ng		99
52) 3-Nitroaniline	9.97	138	129949	27.531	ng		99
53) 2,4-Dinitrophenol	10.08	184	18483	21.071	ng	#	81
54) Dibenzofuran	10.21	168	980822	40.998	ng		98
55) 4-Nitrophenol	10.14	139	153295	43.377	ng		91
56) 2,4-Dinitrotoluene	10.20	165	177418	37.882	ng	#	94
57) Fluorene	10.55	166	919542	53.876	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	172705	35.866	ng	#	85
59) Diethylphthalate	10.41	149	723254	35.437	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	326933	33.883	ng		91
61) 4-Nitroaniline	10.59	138	125669	31.689	ng		94
62) Azobenzene	10.70	77	593548	31.014	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	30605	20.739	ng		88
65) n-Nitrosodiphenylamine	10.66	169	568046	38.837	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	190692	37.615	ng		90
67) Hexachlorobenzene	11.10	284	190199	34.097	ng	#	88
68) Atrazine	11.19	200	162075	36.293	ng		95
69) Pentachlorophenol	11.31	266	179835	51.614	ng		98
70) Phenanthrene	11.53	178	2811750	133.980	ng		96
71) Anthracene	11.58	178	1651858	78.176	ng		99
72) Carbazole	11.74	167	954429	43.437	ng		98
73) Di-n-butylphthalate	12.04	149	973300	42.294	ng		99
74) Fluoranthene	12.74	202	4197100	186.373	ng		95
76) Benzidine	12.85	184	451156	48.396	ng		98
77) Pyrene	12.97	202	3963131m	178.988	ng		
79) Butylbenzylphthalate	13.55	149	394915	41.473	ng		95
80) Benzo(a)anthracene	14.15	228	2949200	155.468	ng		95
81) 3,3'-Dichlorobenzidine	14.11	252	245526	43.193	ng	#	97
82) Chrysene	14.19	228	2403679	131.908	ng		94
83) Bis(2-ethylhexyl)phthalate	14.10	149	542208	40.356	ng		99
84) Di-n-octyl phthalate	14.72	149	973988	46.638	ng		96
85) Indeno(1,2,3-cd)pyrene	17.29	276	1595785	103.327	ng	#	87
87) Benzo(b)fluoranthene	15.25	252	3214939m	159.574	ng		
88) Benzo(k)fluoranthene	15.28	252	1472170m	74.584	ng		
89) Benzo(a)pyrene	15.64	252	2417064	131.155	ng		96
90) Dibenzo(a,h)anthracene	17.29	278	649571m	40.775	ng		
91) Benzo(g,h,i)perylene	17.77	276	1379233	87.772	ng		92

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

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