Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104144.D
Acq On : 2 Apr 2018 19:11
Operator : JU/SJ
Sample : J2099-04MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MSD

Manual Integrations APPROVED
Sohil
4/3/2018 2:27:22 PM

Quant Time: Apr 03 01:37:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	117236	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	488825	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	229034	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	382463	20.00	ng		0.00
75) Chrysene-d12	14.15	240	238662	20.00	ng		0.00
86) Perylene-d12	15.69	264	258080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	734884	99.97	ng		0.01
7) Phenol-d6	6.60	99	910060	100.62	ng		0.00
23) Nitrobenzene-d5	7.53	82	566923	70.93	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	245618	96.31	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1089318	75.00	ng		0.00
78) Terphenyl-d14	13.08	244	848916	82.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	87169	27.493	ng	#	87
3) Pyridine	3.65	79	200344	24.960	ng	#	84
4) n-Nitrosodimethylamine	3.61	42	51157	21.442	ng		87
6) Aniline	6.63	93	175598	16.218	ng	#	66
8) 2-Chlorophenol	6.75	128	298977	37.075	ng		96
9) Benzaldehyde	6.52	77	82528	14.341	ng		98
10) Phenol	6.62	94	359710	35.895	ng		97
11) bis(2-Chloroethyl)ether	6.69	93	233150	26.999	ng		93
12) 1,3-Dichlorobenzene	6.90	146	293749	32.406	ng		99
13) 1,4-Dichlorobenzene	6.97	146	330439	34.021	ng		100
14) 1,2-Dichlorobenzene	7.13	146	295706	33.872	ng		100
15) Benzyl Alcohol	7.10	79	205472	34.941	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	317678	33.767	ng		54
17) 2-Methylphenol	7.22	107	224317	34.177	ng	#	87
18) Hexachloroethane	7.46	117	104481	32.128	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	190294	35.453	ng		91
20) 3+4-Methylphenols	7.37	107	284378	33.950	ng	#	57
22) Acetophenone	7.37	105	407953	34.493	ng	#	96
24) Nitrobenzene	7.55	77	270307	32.141	ng		99
25) Isophorone	7.77	82	528228	35.859	ng		99
26) 2-Nitrophenol	7.86	139	156589	35.669	ng		91
27) 2,4-Dimethylphenol	7.89	122	269529	42.571	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	337486	36.555	ng		98
29) 2,4-Dichlorophenol	8.10	162	241183	36.471	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	256519	34.188	ng		99
31) Naphthalene	8.26	128	863236	36.148	ng		100
32) Benzoic acid	8.00	122	18917m	4.079	ng		
33) 4-Chloroaniline	8.33	127	109912	10.917	ng		97
34) Hexachlorobutadiene	8.37	225	136334	33.390	ng		99
35) Caprolactam	8.69	113	70903m	33.814	ng		
36) 4-Chloro-3-methylphenol	8.80	107	258707	36.986	ng		97
37) 2-Methylnaphthalene	8.96	142	552901	35.149	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	249931	35.585	ng		98
40) Hexachlorocyclopentadiene	9.10	237	34629	15.156	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	151668	34.103	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	178091	33.165	ng		96
45) 1,1'-Biphenyl	9.42	154	687029	34.950	ng		99
46) 2-Chloronaphthalene	9.45	162	527180	33.999	ng		98
47) 2-Nitroaniline	9.55	65	149232	33.752	ng		97
48) Acenaphthylene	9.86	152	775617	33.018	ng		100
49) Dimethylphthalate	9.72	163	709934	39.260	ng		100
50) 2,6-Dinitrotoluene	9.79	165	132319	34.012	ng		98
51) Acenaphthene	10.03	154	436171	32.097	ng		100
52) 3-Nitroaniline	9.97	138	87826	19.638	ng		99
53) 2,4-Dinitrophenol	10.08	184	23413	18.397	ng	#	53
54) Dibenzofuran	10.21	168	679687	34.251	ng		97
55) 4-Nitrophenol	10.14	139	146596	54.669	ng		96
56) 2,4-Dinitrotoluene	10.20	165	165875	33.414	ng		96
57) Fluorene	10.55	166	548848	33.529	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	150324	37.365	ng	#	83
59) Diethylphthalate	10.42	149	585839	33.818	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	263937	35.106	ng		96
61) 4-Nitroaniline	10.59	138	107153	25.607	ng		94
62) Azobenzene	10.70	77	524802	33.503	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	41897	18.097	ng		86
65) n-Nitrosodiphenylamine	10.66	169	489357	37.780	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	150080	36.678	ng	#	90
67) Hexachlorobenzene	11.10	284	161350	34.280	ng		96
68) Atrazine	11.19	200	148999	37.549	ng		98
69) Pentachlorophenol	11.30	266	141546	54.650	ng		98
70) Phenanthrene	11.52	178	690962	33.369	ng		98
71) Anthracene	11.57	178	780372	36.080	ng		99
72) Carbazole	11.73	167	669279	32.421	ng		99
73) Di-n-butylphthalate	12.04	149	876436	35.643	ng		99
74) Fluoranthene	12.72	202	625561	28.421	ng		97
76) Benzidine	12.84	184	306373	45.046	ng		98
77) Pyrene	12.94	202	601696	35.071	ng		98
79) Butylbenzylphthalate	13.54	149	295925	36.612	ng		96
80) Benzo(a)anthracene	14.14	228	499792	33.468	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	166230	33.629	ng		97
82) Chrysene	14.18	228	517314	35.368	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	385365	36.900	ng		99
84) Di-n-octyl phthalate	14.72	149	617711	34.385	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.29	276	509971	33.646	ng		96
87) Benzo(b)fluoranthene	15.23	252	507797	32.330	ng		99
88) Benzo(k)fluoranthene	15.27	252	548164	37.049	ng		97
89) Benzo(a)pyrene	15.63	252	511915	35.171	ng		99
90) Dibenzo(a,h)anthracene	17.29	278	438624	32.594	ng		97
91) Benzo(g,h,i)perylene	17.76	276	390220	28.950	ng		95

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

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