Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102030.D
Acq On : 11 Jan 2018 20:34
Operator : SJ/JU
Sample : J1062-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Manual Integrations APPROVED
Sohil
1/12/2018 10:37:30 AM

Quant Time: Jan 12 01:01:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	197784	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	779249	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	310599	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	423419	20.00	ng		0.00
75) Chrysene-d12	13.88	240	300023	20.00	ng		0.00
86) Perylene-d12	15.29	264	367284	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1392970	99.45	ng		0.01
7) Phenol-d6	6.37	99	1650230	98.75	ng		0.00
23) Nitrobenzene-d5	7.30	82	1045809	78.87	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	262095	96.69	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1574222	79.18	ng		0.00
78) Terphenyl-d14	12.83	244	957640	66.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	203774	29.152	ng		95
3) Pyridine	3.16	79	541545	28.370	ng		94
4) n-Nitrosodimethylamine	3.12	42	281957	35.272	ng		100
6) Aniline	6.39	93	246056	10.448	ng		99
8) 2-Chlorophenol	6.52	128	497919	35.445	ng		96
9) Benzaldehyde	6.27	77	110187	9.496	ng		98
10) Phenol	6.38	94	637709	33.767	ng		96
11) bis(2-Chloroethyl)ether	6.47	93	493091	34.303	ng		96
12) 1,3-Dichlorobenzene	6.67	146	540158	33.356	ng		99
13) 1,4-Dichlorobenzene	6.75	146	543671	33.645	ng		100
14) 1,2-Dichlorobenzene	6.90	146	502554	33.602	ng		99
15) Benzyl Alcohol	6.87	79	415837	34.018	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	882956	33.321	ng		98
17) 2-Methylphenol	6.99	107	419102	33.072	ng		99
18) Hexachloroethane	7.24	117	189973	33.386	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	343645	31.379	ng		93
20) 3+4-Methylphenols	7.14	107	475603	31.258	ng	#	65
22) Acetophenone	7.14	105	681513	36.298	ng	#	88
24) Nitrobenzene	7.32	77	518772	36.407	ng		94
25) Isophorone	7.55	82	941805	35.944	ng		100
26) 2-Nitrophenol	7.63	139	269716	45.224	ng		97
27) 2,4-Dimethylphenol	7.67	122	428121	38.437	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	607974	38.429	ng		98
29) 2,4-Dichlorophenol	7.87	162	393200	37.178	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	386999	34.983	ng		96
31) Naphthalene	8.03	128	1370441	35.196	ng		100
32) Benzoic acid	7.75	122	143368m	16.975	ng		
33) 4-Chloroaniline	8.08	127	85686	5.156	ng		99
34) Hexachlorobutadiene	8.15	225	207268	35.396	ng		97
35) Caprolactam	8.45	113	124164m	34.198	ng		
36) 4-Chloro-3-methylphenol	8.57	107	412407	35.623	ng		98
37) 2-Methylnaphthalene	8.72	142	893665	34.863	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	344149	39.165	ng		99
40) Hexachlorocyclopentadiene	8.87	237	226529	47.139	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	241200	39.833	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	248107	36.252	ng		97
45) 1,1'-Biphenyl	9.19	154	1024576	37.320	ng		99
46) 2-Chloronaphthalene	9.21	162	765524	35.958	ng		99
47) 2-Nitroaniline	9.31	65	244681	38.369	ng		98
48) Acenaphthylene	9.63	152	1124514	33.284	ng		99
49) Dimethylphthalate	9.49	163	1052231	42.230	ng		99
50) 2,6-Dinitrotoluene	9.55	165	190393	38.254	ng		96
51) Acenaphthene	9.80	154	670140	32.679	ng		99
52) 3-Nitroaniline	9.72	138	119889	19.086	ng		95
53) 2,4-Dinitrophenol	9.82	184	87850	49.847	ng	#	21
54) Dibenzofuran	9.97	168	983270	34.937	ng		99
55) 4-Nitrophenol	9.88	139	290668	62.094	ng		95
56) 2,4-Dinitrotoluene	9.95	165	233809	37.480	ng		97
57) Fluorene	10.31	166	687396	35.332	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	174951	35.907	ng		99
59) Diethylphthalate	10.19	149	840334	33.905	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	301956	36.448	ng		96
61) 4-Nitroaniline	10.33	138	154602	25.934	ng		90
62) Azobenzene	10.46	77	913169	37.031	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	67424	31.523	ng		85
65) n-Nitrosodiphenylamine	10.42	169	636669	40.155	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	187502	41.933	ng		96
67) Hexachlorobenzene	10.85	284	181049	37.089	ng		97
68) Atrazine	10.95	200	189378	41.330	ng		98
69) Pentachlorophenol	11.05	266	191493	64.331	ng		98
70) Phenanthrene	11.27	178	884358	35.756	ng		98
71) Anthracene	11.32	178	891459	35.539	ng		99
72) Carbazole	11.47	167	798851	32.401	ng		100
73) Di-n-butylphthalate	11.81	149	1104162	36.503	ng		100
74) Fluoranthene	12.45	202	773075	31.769	ng		98
76) Benzidine	12.58	184	214586	14.812	ng		97
77) Pyrene	12.68	202	779514	29.393	ng		100
79) Butylbenzylphthalate	13.30	149	381777	31.368	ng		99
80) Benzo(a)anthracene	13.87	228	662844	34.627	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	220507	31.111	ng		97
82) Chrysene	13.90	228	676933	33.914	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	460193	32.961	ng	#	98
84) Di-n-octyl phthalate	14.48	149	947819	40.910	ng		99
85) Indeno(1,2,3-cd)pyrene	16.67	276	816852	56.227	ng		96
87) Benzo(b)fluoranthene	14.89	252	784165	32.744	ng		98
88) Benzo(k)fluoranthene	14.92	252	737612	31.928	ng		98
89) Benzo(a)pyrene	15.24	252	771969	35.822	ng		97
90) Dibenzo(a,h)anthracene	16.70	278	695144	40.421	ng		98
91) Benzo(g,h,i)perylene	17.09	276	657588	37.959	ng		96

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

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