Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087711.D
Acq On : 5 Jun 2016 16:50
Operator : UM/SJ
Sample : H3362-03MS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0991MS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:24:57 PM

Quant Time: Jun 06 04:03:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149170	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	606535	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	293573	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	515027	20.00	ng		0.00
75) Chrysene-d12	14.02	240	374695	20.00	ng		0.00
86) Perylene-d12	15.45	264	312854	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	490315	53.13	ng		0.01
7) Phenol-d6	6.49	99	391510	33.83	ng		0.00
23) Nitrobenzene-d5	7.43	82	773116	73.75	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	307911	104.49	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1433928	71.23	ng		0.00
78) Terphenyl-d14	12.97	244	1044860	68.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	59038	13.23	ng	#	19
3) Pyridine	3.27	79	124395	10.56	ng		99
4) n-Nitrosodimethylamine	3.19	42	73386	14.74	ng		95
6) Aniline	6.52	93	349784	21.32	ng		97
8) 2-Chlorophenol	6.64	128	304759	28.70	ng		95
9) Benzaldehyde	6.40	77	32093	4.10	ng		85
10) Phenol	6.50	94	170926	12.97	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	336447	35.13	ng		96
12) 1,3-Dichlorobenzene	6.80	146	370523	32.59	ng		99
13) 1,4-Dichlorobenzene	6.88	146	394061	34.54	ng		99
14) 1,2-Dichlorobenzene	7.04	146	358790	33.54	ng		99
15) Benzyl Alcohol	7.00	79	214136	25.04	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	501604	35.92	ng		97
17) 2-Methylphenol	7.12	107	220197	25.82	ng		97
18) Hexachloroethane	7.38	117	141998	35.59	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	274639	37.99	ng	#	81
20) 3+4-Methylphenols	7.27	107	222568	21.30	ng	#	67
22) Acetophenone	7.28	105	545414	39.70	ng		98
24) Nitrobenzene	7.45	77	451586	43.04	ng		95
25) Isophorone	7.69	82	739059	38.72	ng		100
26) 2-Nitrophenol	7.76	139	192917	39.57	ng		98
27) 2,4-Dimethylphenol	7.80	122	330157	32.68	ng		97
28) bis(2-Chloroethoxy)methane	7.91	93	495761	40.95	ng		99
29) 2,4-Dichlorophenol	8.00	162	302562	36.46	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	336425	38.72	ng		100
31) Naphthalene	8.17	128	1102812	37.40	ng		100
32) Benzoic acid	7.88	122	66974	10.99	ng		97
33) 4-Chloroaniline	8.22	127	388729	30.34	ng		99
34) Hexachlorobutadiene	8.30	225	170897	37.83	ng		98
35) Caprolactam	8.59	113	14507	5.32	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	313149	36.48	ng		97
37) 2-Methylnaphthalene	8.87	142	754800	38.76	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	282315	34.89	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	296550	62.31	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	237783	38.91	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	221879	39.02	ng		96
45) 1,1'-Biphenyl	9.32	154	829793	34.83	ng		99
46) 2-Chloronaphthalene	9.35	162	670974	35.38	ng		99
47) 2-Nitroaniline	9.45	65	235026	44.01	ng	#	67
48) Acenaphthylene	9.77	152	1180688	39.92	ng		99
49) Dimethylphthalate	9.63	163	757788	35.51	ng		99
50) 2,6-Dinitrotoluene	9.69	165	179904	37.05	ng	#	67
51) Acenaphthene	9.94	154	799787	42.03	ng		99
52) 3-Nitroaniline	9.86	138	210813	37.96	ng		86
53) 2,4-Dinitrophenol	9.96	184	179783	81.50	ng	#	84
54) Dibenzofuran	10.11	168	1048586	40.47	ng		93
55) 4-Nitrophenol	10.01	139	119545	25.18	ng		86
56) 2,4-Dinitrotoluene	10.09	165	229004	37.03	ng	#	64
57) Fluorene	10.46	166	770819	38.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	191029	39.00	ng	#	54
59) Diethylphthalate	10.33	149	762269	35.56	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	293441	34.24	ng		97
61) 4-Nitroaniline	10.47	138	204826	38.36	ng		94
62) Azobenzene	10.60	77	812215	37.65	ng		97
64) 4,6-Dinitro-2-methylphenol	10.50	198	127090	44.55	ng	#	60
65) n-Nitrosodiphenylamine	10.57	169	733824	43.50	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	215771	42.25	ng	#	92
67) Hexachlorobenzene	10.99	284	221537	38.79	ng		94
68) Atrazine	11.10	200	203551	40.74	ng		93
69) Pentachlorophenol	11.19	266	224141	66.05	ng		98
70) Phenanthrene	11.42	178	1153293	41.30	ng		99
71) Anthracene	11.46	178	1002523	35.83	ng		100
72) Carbazole	11.62	167	1129079	42.63	ng		97
73) Di-n-butylphthalate	11.95	149	1176655	41.44	ng		100
74) Fluoranthene	12.59	202	1001087	36.43	ng		98
76) Benzidine	12.72	184	442007	29.92	ng		99
77) Pyrene	12.82	202	992276	37.19	ng		99
79) Butylbenzylphthalate	13.45	149	531251	46.78	ng		98
80) Benzo(a)anthracene	14.01	228	774964	35.84	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	219146	35.92	ng	#	99
82) Chrysene	14.05	228	760220	35.32	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	599517	44.37	ng	#	98
84) Di-n-octyl phthalate	14.62	149	1010665	40.23	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	784227	44.08	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	782986	38.47	ng	#	98
88) Benzo(k)fluoranthene	15.06	252	664766m	39.26	ng		
89) Benzo(a)pyrene	15.38	252	707520	41.36	ng		100
90) Dibenzo(a,h)anthracene	16.87	278	649212	44.59	ng		97
91) Benzo(g,h,i)perylene	17.27	276	658325	44.82	ng		99

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

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