Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087712.D
Acq On : 5 Jun 2016 17:20
Operator : UM/SJ
Sample : H3362-04MSD
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0991MSD

Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:00 PM

Quant Time: Jun 06 04:05:22 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	156831	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	641010	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	319786	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	545218	20.00	ng		0.00
75) Chrysene-d12	14.02	240	406979	20.00	ng		0.00
86) Perylene-d12	15.45	264	334277	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	532260	54.86	ng		0.01
7) Phenol-d6	6.49	99	423523	34.80	ng		0.00
23) Nitrobenzene-d5	7.43	82	852384	76.94	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	310057	96.59	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1505601	67.83	ng		0.00
78) Terphenyl-d14	12.97	244	1107805	66.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	58419	12.46	ng	#	21
3) Pyridine	3.27	79	144638	11.67	ng		100
4) n-Nitrosodimethylamine	3.19	42	78017	14.91	ng		100
6) Aniline	6.52	93	272316	15.79	ng		99
8) 2-Chlorophenol	6.65	128	342346	30.66	ng	#	80
9) Benzaldehyde	6.40	77	33846	4.11	ng		86
10) Phenol	6.50	94	183930	13.27	ng		100
11) bis(2-Chloroethyl)ether	6.59	93	372635	37.01	ng		98
12) 1,3-Dichlorobenzene	6.80	146	404849	33.87	ng		100
13) 1,4-Dichlorobenzene	6.88	146	421005	35.10	ng		99
14) 1,2-Dichlorobenzene	7.04	146	394533	35.08	ng		99
15) Benzyl Alcohol	7.00	79	223966	24.91	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	559711	38.12	ng		97
17) 2-Methylphenol	7.12	107	231564	25.83	ng		98
18) Hexachloroethane	7.38	117	154304	36.79	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	312502	41.12	ng	#	87
20) 3+4-Methylphenols	7.28	107	247453	22.53	ng	#	35
22) Acetophenone	7.28	105	575117	39.61	ng		96
24) Nitrobenzene	7.45	77	474659	42.81	ng		93
25) Isophorone	7.69	82	796020	39.46	ng		99
26) 2-Nitrophenol	7.76	139	225444	43.76	ng		98
27) 2,4-Dimethylphenol	7.80	122	344413	32.26	ng		95
28) bis(2-Chloroethoxy)methane	7.91	93	548172	42.84	ng		98
29) 2,4-Dichlorophenol	8.01	162	340439	38.82	ng		89
30) 1,2,4-Trichlorobenzene	8.09	180	351532	38.28	ng		99
31) Naphthalene	8.17	128	1147883	36.83	ng		100
32) Benzoic acid	7.88	122	64667	10.04	ng		98
33) 4-Chloroaniline	8.22	127	233235	17.23	ng		98
34) Hexachlorobutadiene	8.30	225	181648	38.05	ng		99
35) Caprolactam	8.59	113	16543	5.74	ng	#	84
36) 4-Chloro-3-methylphenol	8.70	107	316122	34.85	ng		100
37) 2-Methylnaphthalene	8.87	142	838785	40.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	297584	33.77	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	323738	62.45	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	253772	38.13	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	206423	33.33	ng	#	91
45) 1,1'-Biphenyl	9.32	154	935503	36.05	ng		99
46) 2-Chloronaphthalene	9.35	162	759138	36.75	ng		99
47) 2-Nitroaniline	9.45	65	264289	45.43	ng	#	76
48) Acenaphthylene	9.77	152	1258791	39.07	ng		99
49) Dimethylphthalate	9.63	163	838396	36.06	ng		99
50) 2,6-Dinitrotoluene	9.69	165	191086	36.13	ng	#	64
51) Acenaphthene	9.94	154	844751	40.75	ng		99
52) 3-Nitroaniline	9.86	138	131481	21.73	ng	#	72
53) 2,4-Dinitrophenol	9.96	184	196759	81.87	ng		90
54) Dibenzofuran	10.11	168	1092688	38.72	ng		91
55) 4-Nitrophenol	10.01	139	113732	21.99	ng		94
56) 2,4-Dinitrotoluene	10.09	165	255967	38.00	ng	#	63
57) Fluorene	10.46	166	831945	37.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	206105	38.63	ng	#	53
59) Diethylphthalate	10.33	149	822662	35.23	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	307762	32.48	ng		96
61) 4-Nitroaniline	10.48	138	222031	38.17	ng		95
62) Azobenzene	10.60	77	870316	37.03	ng		98
64) 4,6-Dinitro-2-methylphenol	10.50	198	142203	46.97	ng	#	71
65) n-Nitrosodiphenylamine	10.57	169	778893	43.62	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	233005	43.10	ng	#	93
67) Hexachlorobenzene	10.99	284	241869	40.01	ng		93
68) Atrazine	11.10	200	204012	38.57	ng		92
69) Pentachlorophenol	11.19	266	245321	68.29	ng		98
70) Phenanthrene	11.42	178	1237857	41.87	ng		99
71) Anthracene	11.46	178	1043050	35.21	ng		100
72) Carbazole	11.62	167	1220218	43.52	ng		98
73) Di-n-butylphthalate	11.95	149	1209304	40.23	ng		99
74) Fluoranthene	12.59	202	1060964	36.47	ng		98
76) Benzidine	12.72	184	240542	14.99	ng		98
77) Pyrene	12.82	202	1079126	37.24	ng		99
79) Butylbenzylphthalate	13.45	149	582118	47.20	ng		96
80) Benzo(a)anthracene	14.01	228	814799	34.69	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	178391	26.92	ng	#	98
82) Chrysene	14.05	228	800308	34.23	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	616385	41.99	ng	#	98
84) Di-n-octyl phthalate	14.62	149	1064156	39.00	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	824965	42.69	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	808713	37.19	ng	#	97
88) Benzo(k)fluoranthene	15.06	252	743004m	41.07	ng		
89) Benzo(a)pyrene	15.39	252	760985	41.63	ng	#	94
90) Dibenzo(a,h)anthracene	16.87	278	681538	43.81	ng		98
91) Benzo(g,h,i)perylene	17.27	276	695584	44.32	ng		99

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

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