Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
Data File : BF089339.D
Acq On : 27 Jul 2016 20:17
Operator : UM/SJ
Sample : H4176-14MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-6.5-7.5MSD

Manual Integrations APPROVED
sohil
7/28/2016 4:56:29 PM

Quant Time: Jul 28 01:18:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	44714	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	192602	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	93393	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	177200	20.00	ng		0.00
75) Chrysene-d12	13.67	240	130142	20.00	ng		0.00
86) Perylene-d12	15.01	264	102354	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	405623	144.85	ng		0.02
7) Phenol-d6	6.20	99	532827	143.98	ng		0.00
23) Nitrobenzene-d5	7.12	82	336854	103.23	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	107428	138.89	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	627305	98.57	ng		0.00
78) Terphenyl-d14	12.63	244	511547	92.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	49664	39.06	ng	#	93
3) Pyridine	2.63	79	113306	41.35	ng		97
4) n-Nitrosodimethylamine	2.60	42	52266	46.60	ng		95
6) Aniline	6.22	93	130413	32.64	ng	#	44
8) 2-Chlorophenol	6.33	128	154609	48.81	ng		94
9) Benzaldehyde	6.09	77	20425	11.30	ng		95
10) Phenol	6.23	94	191484	46.89	ng		87
11) bis(2-Chloroethyl)ether	6.30	93	154491	44.53	ng		97
12) 1,3-Dichlorobenzene	6.48	146	150398	45.39	ng		100
13) 1,4-Dichlorobenzene	6.56	146	163573	44.73	ng		99
14) 1,2-Dichlorobenzene	6.72	146	146820	42.86	ng		99
15) Benzyl Alcohol	6.71	79	129753	56.50	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	170468	45.04	ng		82
17) 2-Methylphenol	6.83	107	118246	48.30	ng		96
18) Hexachloroethane	7.05	117	61816	44.09	ng		97
19) n-Nitroso-di-n-propylamine	6.98	70	117712	52.75	ng		95
20) 3+4-Methylphenols	6.99	107	158174	50.31	ng	#	86
22) Acetophenone	6.97	105	223519	48.75	ng		99
24) Nitrobenzene	7.14	77	159025	42.82	ng		99
25) Isophorone	7.38	82	309876	47.14	ng		99
26) 2-Nitrophenol	7.46	139	77057	46.41	ng		99
27) 2,4-Dimethylphenol	7.51	122	126719	47.91	ng		98
28) bis(2-Chloroethoxy)methane	7.60	93	185491	50.98	ng		99
29) 2,4-Dichlorophenol	7.70	162	128494	53.31	ng		98
30) 1,2,4-Trichlorobenzene	7.78	180	130224	47.35	ng		97
31) Naphthalene	7.85	128	459316	48.16	ng		100
32) Benzoic acid	7.64	122	23008	12.48	ng		94
33) 4-Chloroaniline	7.92	127	70835	19.51	ng		98
34) Hexachlorobutadiene	7.98	225	71421	45.35	ng		98
35) Caprolactam	8.30	113	35768m	49.17	ng		
36) 4-Chloro-3-methylphenol	8.42	107	148046	51.68	ng		95
37) 2-Methylnaphthalene	8.55	142	285973	49.76	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	119284	36.50	ng		99
40) Hexachlorocyclopentadiene	8.70	237	93005	97.62	ng		99

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Quant Time: Jul 28 01:18:18 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	79209	50.98	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	94538	48.03	ng	#	91
45) 1,1'-Biphenyl	9.00	154	336343	42.30	ng		100
46) 2-Chloronaphthalene	9.03	162	266239	44.58	ng		98
47) 2-Nitroaniline	9.14	65	90629	51.25	ng		96
48) Acenaphthylene	9.44	152	436901	46.45	ng		99
49) Dimethylphthalate	9.32	163	465645	65.51	ng		99
50) 2,6-Dinitrotoluene	9.38	165	70178	48.05	ng	#	75
51) Acenaphthene	9.61	154	261657	47.63	ng		100
52) 3-Nitroaniline	9.55	138	44389	28.80	ng		94
53) 2,4-Dinitrophenol	9.67	184	35374	60.46	ng		90
54) Dibenzofuran	9.78	168	379187	50.66	ng		97
55) 4-Nitrophenol	9.75	139	72949m	95.86	ng		
56) 2,4-Dinitrotoluene	9.79	165	93500	48.63	ng	#	63
57) Fluorene	10.12	166	317050	48.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	71176	54.16	ng	#	95
59) Diethylphthalate	10.02	149	354615	49.21	ng		96
60) 4-Chlorophenyl-phenylether	10.12	204	137010	45.71	ng		99
61) 4-Nitroaniline	10.17	138	73575	46.31	ng		89
62) Azobenzene	10.28	77	364958	49.18	ng		84
64) 4,6-Dinitro-2-methylphenol	10.19	198	44588	42.26	ng	#	63
65) n-Nitrosodiphenylamine	10.25	169	265577	48.03	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	83785	49.52	ng		92
67) Hexachlorobenzene	10.66	284	76233	43.97	ng		94
68) Atrazine	10.78	200	76679	45.14	ng		97
69) Pentachlorophenol	10.87	266	78896	92.87	ng		99
70) Phenanthrene	11.07	178	437722	47.90	ng		100
71) Anthracene	11.13	178	472680	46.52	ng		99
72) Carbazole	11.29	167	423068	49.46	ng		99
73) Di-n-butylphthalate	11.62	149	519252	45.25	ng		100
74) Fluoranthene	12.25	202	460924	47.95	ng		97
76) Benzidine	12.39	184	177070	36.82	ng		96
77) Pyrene	12.48	202	456915	46.33	ng		100
79) Butylbenzylphthalate	13.11	149	212531	47.39	ng		93
80) Benzo(a)anthracene	13.66	228	335802	45.72	ng		98
81) 3,3'-Dichlorobenzidine	13.63	252	68639	25.97	ng		97
82) Chrysene	13.69	228	342653	43.83	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	297733	45.93	ng		100
84) Di-n-octyl phthalate	14.29	149	499479	49.38	ng		99
85) Indeno(1,2,3-cd)pyrene	16.21	276	253700	45.64	ng		99
87) Benzo(b)fluoranthene	14.65	252	260296m	40.95	ng		
88) Benzo(k)fluoranthene	14.67	252	303034m	51.85	ng		
89) Benzo(a)pyrene	14.96	252	271408	47.60	ng	#	94
90) Dibenzo(a,h)anthracene	16.22	278	214940	47.85	ng		95
91) Benzo(g,h,i)perylene	16.56	276	212109	48.04	ng		96

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

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