Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089462.D
Acq On : 30 Jul 2016 19:46
Operator : UM/SJ
Sample : H4284-13MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)GMSD

Manual Integrations APPROVED
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8/1/2016 7:18:09 PM

Quant Time: Aug 01 05:04:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 04:11:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	46852	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	191016	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	88926	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	159271	20.00	ng		0.00
75) Chrysene-d12	13.62	240	87097	20.00	ng		0.00
86) Perylene-d12	14.95	264	79617	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	446586	152.20	ng		0.02
7) Phenol-d6	6.17	99	529576	136.57	ng		0.00
23) Nitrobenzene-d5	7.08	82	360718	111.47	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	92191	125.17	ng		0.00
44) 2-Fluorobiphenyl	8.87	172	535534	88.38	ng		0.00
78) Terphenyl-d14	12.58	244	384289	103.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	51983	39.01	ng	#	94
3) Pyridine	2.55	79	103843	36.17	ng		96
4) n-Nitrosodimethylamine	2.52	42	59399	49.89	ng		99
6) Aniline	6.17	93	180184	43.03	ng		96
8) 2-Chlorophenol	6.30	128	169648	51.11	ng		95
9) Benzaldehyde	6.04	77	87948	46.45	ng		98
10) Phenol	6.18	94	215011	50.25	ng		100
11) bis(2-Chloroethyl)ether	6.25	93	170356	46.86	ng		91
12) 1,3-Dichlorobenzene	6.44	146	157062m	45.24	ng		
13) 1,4-Dichlorobenzene	6.52	146	174716	45.60	ng		93
14) 1,2-Dichlorobenzene	6.67	146	175958	49.02	ng		96
15) Benzyl Alcohol	6.66	79	142910	59.38	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.80	45	188438	47.52	ng		95
17) 2-Methylphenol	6.79	107	126488	49.31	ng		98
18) Hexachloroethane	7.00	117	64245	43.73	ng		96
19) n-Nitroso-di-n-propylamine	6.94	70	125472	53.66	ng	#	89
20) 3+4-Methylphenols	6.95	107	173778	52.75	ng	#	89
22) Acetophenone	6.94	105	224962	49.47	ng	#	96
24) Nitrobenzene	7.10	77	177257	48.13	ng		91
25) Isophorone	7.35	82	354227	54.34	ng		99
26) 2-Nitrophenol	7.42	139	92676	56.28	ng		94
27) 2,4-Dimethylphenol	7.47	122	153675	58.58	ng		99
28) bis(2-Chloroethoxy)methane	7.56	93	222672	61.71	ng		98
29) 2,4-Dichlorophenol	7.67	162	136074	56.92	ng		96
30) 1,2,4-Trichlorobenzene	7.74	180	143205	52.51	ng		97
31) Naphthalene	7.82	128	475168	50.23	ng		99
32) Benzoic acid	7.60	122	20739	11.35	ng		97
33) 4-Chloroaniline	7.87	127	130172	36.15	ng	#	94
34) Hexachlorobutadiene	7.93	225	69197	44.30	ng		98
35) Caprolactam	8.26	113	40201m	55.72	ng		
36) 4-Chloro-3-methylphenol	8.38	107	159510	56.15	ng		99
37) 2-Methylnaphthalene	8.50	142	312257	54.79	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	120484	38.72	ng		99
40) Hexachlorocyclopentadiene	8.65	237	74730	83.77	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	86340	58.36	ng		99
43) 2,4,5-Trichlorophenol	8.83	196	99181	52.92	ng	#	90
45) 1,1'-Biphenyl	8.97	154	340251	44.94	ng		96
46) 2-Chloronaphthalene	8.98	162	279245	49.11	ng		98
47) 2-Nitroaniline	9.10	65	100363	59.60	ng	#	84
48) Acenaphthylene	9.39	152	434353	48.50	ng		99
49) Dimethylphthalate	9.28	163	452489	66.86	ng		98
50) 2,6-Dinitrotoluene	9.35	165	80173	57.65	ng	#	83
51) Acenaphthene	9.56	154	255615	48.87	ng		98
52) 3-Nitroaniline	9.51	138	62219	42.40	ng	#	77
53) 2,4-Dinitrophenol	9.63	184	22979	46.72	ng		89
54) Dibenzofuran	9.74	168	374939	52.61	ng		95
55) 4-Nitrophenol	9.70	139	88188m	120.04	ng		
56) 2,4-Dinitrotoluene	9.75	165	103186	56.36	ng	#	79
57) Fluorene	10.08	166	311977	50.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	74980	59.92	ng		99
59) Diethylphthalate	9.98	149	354165	51.62	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	144125	50.50	ng		93
61) 4-Nitroaniline	10.12	138	73647	48.69	ng		96
62) Azobenzene	10.24	77	395235	55.93	ng		89
64) 4,6-Dinitro-2-methylphenol	10.16	198	42239	44.31	ng		92
65) n-Nitrosodiphenylamine	10.20	169	293961	59.15	ng		99
66) 4-Bromophenyl-phenylether	10.56	248	79071	52.00	ng	#	82
67) Hexachlorobenzene	10.63	284	81297	52.17	ng	#	69
68) Atrazine	10.74	200	89765	58.80	ng		97
69) Pentachlorophenol	10.82	266	69560	91.21	ng		99
70) Phenanthrene	11.03	178	408737	49.76	ng		100
71) Anthracene	11.08	178	465289	50.95	ng		99
72) Carbazole	11.24	167	414122	53.87	ng		99
73) Di-n-butylphthalate	11.59	149	510804	49.52	ng		98
74) Fluoranthene	12.20	202	390463	45.19	ng		98
76) Benzidine	12.34	184	149923	46.59	ng		95
77) Pyrene	12.43	202	360853	54.67	ng		99
79) Butylbenzylphthalate	13.06	149	163590	54.51	ng		96
80) Benzo(a)anthracene	13.61	228	241359	49.10	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	68337	38.64	ng		99
82) Chrysene	13.65	228	234514	44.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.63	149	220785	50.89	ng	#	93
84) Di-n-octyl phthalate	14.24	149	336931	49.77	ng		99
85) Indeno(1,2,3-cd)pyrene	16.13	276	259669	69.80	ng		99
87) Benzo(b)fluoranthene	14.61	252	202211m	40.90	ng		
88) Benzo(k)fluoranthene	14.63	252	216530m	47.63	ng		
89) Benzo(a)pyrene	14.90	252	207433	46.77	ng	#	96
90) Dibenzo(a,h)anthracene	16.14	278	221195	63.31	ng		98
91) Benzo(g,h,i)perylene	16.48	276	219533	63.92	ng		96

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

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