Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089260.D
Acq On : 24 Jul 2016 5:05
Operator : UM/SJ
Sample : H4151-04MS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-COMPMS

Manual Integrations
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7/25/2016 6:43:19 PM

Quant Time: Jul 25 11:49:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	48720	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	197241	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	88477	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	145730	20.00	ng		-0.02
75) Chrysene-d12	13.70	240	85697	20.00	ng		-0.02
86) Perylene-d12	15.05	264	88783	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	377671	117.90	ng		-0.02
7) Phenol-d6	6.24	99	505617	122.40	ng		-0.03
23) Nitrobenzene-d5	7.15	82	315776	85.07	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	79042	99.23	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	545192	84.90	ng		-0.02
78) Terphenyl-d14	12.66	244	309218	78.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	45603	32.79	ng	#	79
3) Pyridine	2.68	79	116132	32.87	ng		97
4) n-Nitrosodimethylamine	2.66	42	51797	34.82	ng		93
6) Aniline	6.25	93	90533	16.22	ng	#	17
8) 2-Chlorophenol	6.36	128	149232	41.98	ng		85
9) Benzaldehyde	6.12	77	28237	10.75	ng		97
10) Phenol	6.26	94	187241	39.34	ng		96
11) bis(2-Chloroethyl)ether	6.33	93	152676	42.71	ng		98
12) 1,3-Dichlorobenzene	6.51	146	142689	36.35	ng		98
13) 1,4-Dichlorobenzene	6.59	146	158370	40.06	ng		100
14) 1,2-Dichlorobenzene	6.75	146	151233	40.57	ng		98
15) Benzyl Alcohol	6.74	79	129298	42.74	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	166201	40.81	ng	#	57
17) 2-Methylphenol	6.87	107	111819	39.94	ng		99
18) Hexachloroethane	7.08	117	54821	36.89	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	110034	40.72	ng		99
20) 3+4-Methylphenols	7.02	107	149281	39.27	ng	#	80
22) Acetophenone	7.00	105	220628	41.89	ng		99
24) Nitrobenzene	7.18	77	155376	39.69	ng		98
25) Isophorone	7.42	82	302797	44.26	ng		99
26) 2-Nitrophenol	7.50	139	72341	39.62	ng	#	78
27) 2,4-Dimethylphenol	7.54	122	120201	39.07	ng		99
28) bis(2-Chloroethoxy)methane	7.63	93	185042	43.24	ng		99
29) 2,4-Dichlorophenol	7.74	162	117493	42.38	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	125514	40.89	ng		100
31) Naphthalene	7.88	128	397638m	37.35	ng		
32) Benzoic acid	7.64	122	9136	3.86	ng	#	71
33) 4-Chloroaniline	7.95	127	48112	10.75	ng	#	91
34) Hexachlorobutadiene	8.01	225	68873	40.32	ng		100
35) Caprolactam	8.32	113	33241	38.61	ng		97
36) 4-Chloro-3-methylphenol	8.46	107	127725	38.23	ng		88
37) 2-Methylnaphthalene	8.58	142	273555	40.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	110879	33.72	ng		99
40) Hexachlorocyclopentadiene	8.73	237	27479	30.77	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	72839	39.57	ng		97
43) 2,4,5-Trichlorophenol	8.91	196	84295	45.62	ng	#	93
45) 1,1'-Biphenyl	9.05	154	309710	38.87	ng		95
46) 2-Chloronaphthalene	9.06	162	243001	40.13	ng		99
47) 2-Nitroaniline	9.18	65	77329	37.23	ng	#	69
48) Acenaphthylene	9.47	152	379447	39.86	ng		100
49) Dimethylphthalate	9.36	163	380941	56.11	ng		100
50) 2,6-Dinitrotoluene	9.42	165	64076	41.80	ng	#	82
51) Acenaphthene	9.64	154	222395	39.49	ng		100
52) 3-Nitroaniline	9.59	138	38637	21.23	ng		94
53) 2,4-Dinitrophenol	9.70	184	9314	19.18	ng	#	84
54) Dibenzofuran	9.82	168	328071	43.12	ng		100
55) 4-Nitrophenol	9.77	139	74425m	67.57	ng		
56) 2,4-Dinitrotoluene	9.82	165	78009	39.51	ng	#	82
57) Fluorene	10.16	166	261630	40.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	57810	43.57	ng		99
59) Diethylphthalate	10.04	149	289513	43.01	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	119943	40.68	ng		91
61) 4-Nitroaniline	10.19	138	52940	29.89	ng		96
62) Azobenzene	10.32	77	311031	42.51	ng		85
64) 4,6-Dinitro-2-methylphenol	10.23	198	15620	18.41	ng		79
65) n-Nitrosodiphenylamine	10.28	169	223626	45.92	ng		97
66) 4-Bromophenyl-phenylether	10.64	248	65988	45.76	ng		91
67) Hexachlorobenzene	10.71	284	60994	39.32	ng	#	93
68) Atrazine	10.81	200	67391	44.25	ng		99
69) Pentachlorophenol	10.90	266	56036	78.31	ng		99
70) Phenanthrene	11.11	178	331633	41.48	ng		100
71) Anthracene	11.16	178	353028	42.49	ng		100
72) Carbazole	11.33	167	297160	40.71	ng		99
73) Di-n-butylphthalate	11.67	149	428215	47.44	ng	#	97
74) Fluoranthene	12.29	202	296227	35.25	ng		99
76) Benzidine	12.42	184	110947	37.66	ng		98
77) Pyrene	12.51	202	297772	42.07	ng		99
79) Butylbenzylphthalate	13.14	149	130485	43.58	ng		94
80) Benzo(a)anthracene	13.70	228	221324	40.55	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	66838	36.92	ng		100
82) Chrysene	13.74	228	232973	44.69	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	182190	45.88	ng	#	95
84) Di-n-octyl phthalate	14.32	149	300504	45.86	ng		100
85) Indeno(1,2,3-cd)pyrene	16.27	276	212172	56.03	ng		99
87) Benzo(b)fluoranthene	14.70	252	258768m	40.24	ng		
88) Benzo(k)fluoranthene	14.72	252	200883m	43.69	ng		
89) Benzo(a)pyrene	14.99	252	228883	45.85	ng		99
90) Dibenzo(a,h)anthracene	16.29	278	173414	44.00	ng		98
91) Benzo(g,h,i)perylene	16.63	276	166484	41.89	ng		97

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

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