Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089401.D
Acq On : 29 Jul 2016 9:49
Operator : UM/SJ
Sample : H4186-25MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : I-2MS

Quant Time: Jul 29 15:22:26 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	6.52	152	45874	20.00	ng		-0.02
21) Naphthalene-d8	7.82	136	187149	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	76226	20.00	ng		-0.02
63) Phenanthrene-d10	11.03	188	124702	20.00	ng		-0.02
75) Chrysene-d12	13.64	240	79884	20.00	ng		-0.02
86) Perylene-d12	14.98	264	82527	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	340326	118.46	ng		0.01
7) Phenol-d6	6.19	99	409975	107.98	ng		-0.01
23) Nitrobenzene-d5	7.11	82	302934	95.54	ng		-0.01
41) 2,4,6-Tribromophenol	10.35	330	76882	121.78	ng		-0.01
44) 2-Fluorobiphenyl	8.89	172	496254	95.54	ng		-0.02
78) Terphenyl-d14	12.60	244	311167	91.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	48072	36.63	ng	#	86
3) Pyridine	2.68	79	69518m	24.73	ng		
4) n-Nitrosodimethylamine	2.62	42	50557	44.38	ng		91
6) Aniline	6.20	93	60256	14.70	ng	#	1
8) 2-Chlorophenol	6.32	128	143174	44.06	ng		99
9) Benzaldehyde	6.07	77	49786	26.85	ng		93
10) Phenol	6.20	94	159540	38.08	ng		96
11) bis(2-Chloroethyl)ether	6.27	93	154754	43.47	ng		92
12) 1,3-Dichlorobenzene	6.47	146	123045m	36.20	ng		
13) 1,4-Dichlorobenzene	6.55	146	136191	36.30	ng		94
14) 1,2-Dichlorobenzene	6.70	146	142149	40.45	ng		96
15) Benzyl Alcohol	6.68	79	123212	52.29	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.82	45	159972	41.20	ng		100
17) 2-Methylphenol	6.82	107	106097	42.24	ng	#	87
18) Hexachloroethane	7.03	117	47319	32.90	ng		93
19) n-Nitroso-di-n-propylamine	6.96	70	106431	46.49	ng	#	88
20) 3+4-Methylphenols	6.97	107	145158	45.00	ng		91
22) Acetophenone	6.95	105	192419	43.19	ng		96
24) Nitrobenzene	7.12	77	146676	40.65	ng		90
25) Isophorone	7.36	82	291613	45.66	ng		96
26) 2-Nitrophenol	7.44	139	73874	45.79	ng		92
27) 2,4-Dimethylphenol	7.50	122	125296	48.75	ng		99
28) bis(2-Chloroethoxy)methane	7.59	93	189569	53.62	ng		98
29) 2,4-Dichlorophenol	7.69	162	119021	50.82	ng		97
30) 1,2,4-Trichlorobenzene	7.76	180	117826	44.09	ng		97
31) Naphthalene	7.84	128	429128	46.30	ng		100
32) Benzoic acid	7.66	122	61351	34.26	ng		99
33) 4-Chloroaniline	7.91	127	26059	7.39	ng	#	95
34) Hexachlorobutadiene	7.95	225	61063	39.90	ng		99
35) Caprolactam	8.27	113	28331	40.08	ng		97
36) 4-Chloro-3-methylphenol	8.40	107	121753	43.74	ng		95
37) 2-Methylnaphthalene	8.52	142	260672	46.68	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	107407	40.26	ng		98
40) Hexachlorocyclopentadiene	8.68	237	27093	40.58	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	67756	53.43	ng		97
43) 2,4,5-Trichlorophenol	8.87	196	79068	49.22	ng		96
45) 1,1'-Biphenyl	8.99	154	308027	47.46	ng		96
46) 2-Chloronaphthalene	9.02	162	252969	51.90	ng		93
47) 2-Nitroaniline	9.12	65	77030	53.37	ng	#	78
48) Acenaphthylene	9.42	152	357568	46.57	ng		99
49) Dimethylphthalate	9.30	163	285069	49.14	ng		98
50) 2,6-Dinitrotoluene	9.37	165	57417	48.17	ng	#	81
51) Acenaphthene	9.59	154	206876	46.14	ng		99
52) 3-Nitroaniline	9.53	138	33643	26.75	ng		81
53) 2,4-Dinitrophenol	9.66	184	30324	62.47	ng		92
54) Dibenzofuran	9.77	168	313527	51.32	ng		92
55) 4-Nitrophenol	9.72	139	50297m	81.94	ng		
56) 2,4-Dinitrotoluene	9.77	165	77793	49.57	ng	#	77
57) Fluorene	10.10	166	238881	44.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.90	232	57685	53.78	ng		98
59) Diethylphthalate	10.00	149	298057	50.68	ng		98
60) 4-Chlorophenyl-phenylether	10.10	204	118819	48.57	ng	#	86
61) 4-Nitroaniline	10.15	138	49171	37.92	ng		87
62) Azobenzene	10.26	77	314936	52.00	ng		91
64) 4,6-Dinitro-2-methylphenol	10.18	198	20581	29.21	ng		91
65) n-Nitrosodiphenylamine	10.23	169	228114	58.63	ng		99
66) 4-Bromophenyl-phenylether	10.58	248	62847	52.79	ng	#	72
67) Hexachlorobenzene	10.65	284	62409	51.15	ng	#	77
68) Atrazine	10.75	200	55775	46.66	ng		96
69) Pentachlorophenol	10.84	266	55192	92.35	ng		98
70) Phenanthrene	11.05	178	301275	46.84	ng		100
71) Anthracene	11.11	178	340531	47.62	ng		99
72) Carbazole	11.27	167	280567	46.61	ng		99
73) Di-n-butylphthalate	11.61	149	425706	52.71	ng		99
74) Fluoranthene	12.23	202	270075	39.92	ng		96
76) Benzidine	12.36	184	47322	16.03	ng		97
77) Pyrene	12.46	202	280846	46.39	ng		99
79) Butylbenzylphthalate	13.08	149	129073	46.89	ng	#	82
80) Benzo(a)anthracene	13.64	228	229200	50.84	ng		98
81) 3,3'-Dichlorobenzidine	13.61	252	64765	39.92	ng	#	96
82) Chrysene	13.68	228	247624	51.60	ng		100
83) Bis(2-ethylhexyl)phthalate	13.66	149	192983	48.50	ng	#	97
84) Di-n-octyl phthalate	14.26	149	326516	52.59	ng		99
85) Indeno(1,2,3-cd)pyrene	16.18	276	203643	59.69	ng		99
87) Benzo(b)fluoranthene	14.64	252	254421m	49.64	ng		
88) Benzo(k)fluoranthene	14.66	252	220036m	46.70	ng		
89) Benzo(a)pyrene	14.94	252	221370	48.15	ng	#	96
90) Dibenzo(a,h)anthracene	16.18	278	176082	48.62	ng		98
91) Benzo(g,h,i)perylene	16.53	276	157383	44.21	ng		99

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

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