Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089402.D
Acq On : 29 Jul 2016 10:19
Operator : UM/SJ
Sample : H4186-25MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : I-2MSD

Quant Time: Jul 29 15:25:14 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	49510	20.00	ng		-0.02
21) Naphthalene-d8	7.82	136	196952	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	79622	20.00	ng		-0.02
63) Phenanthrene-d10	11.03	188	134485	20.00	ng		-0.02
75) Chrysene-d12	13.66	240	91914	20.00	ng		-0.01
86) Perylene-d12	14.98	264	85096	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	344619	111.14	ng		0.01
7) Phenol-d6	6.19	99	426359	104.05	ng		-0.01
23) Nitrobenzene-d5	7.11	82	321849	96.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.35	330	78332	118.79	ng		-0.01
44) 2-Fluorobiphenyl	8.89	172	506794	93.41	ng		-0.02
78) Terphenyl-d14	12.62	244	357991	91.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	46369	32.33	ng	#	85
3) Pyridine	2.67	79	92041	30.34	ng		98
4) n-Nitrosodimethylamine	2.62	42	52879	43.25	ng		96
6) Aniline	6.20	93	74077	16.74	ng	#	1
8) 2-Chlorophenol	6.32	128	151624	43.23	ng		98
9) Benzaldehyde	6.07	77	69256	34.61	ng		92
10) Phenol	6.20	94	162317	35.90	ng		99
11) bis(2-Chloroethyl)ether	6.27	93	153364	39.92	ng		90
12) 1,3-Dichlorobenzene	6.47	146	131169m	35.75	ng		
13) 1,4-Dichlorobenzene	6.55	146	143014	35.32	ng		95
14) 1,2-Dichlorobenzene	6.70	146	147696	38.94	ng		95
15) Benzyl Alcohol	6.70	79	126372	49.69	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.82	45	162552	38.79	ng		100
17) 2-Methylphenol	6.82	107	108477	40.02	ng	#	87
18) Hexachloroethane	7.04	117	49888	32.14	ng	#	79
19) n-Nitroso-di-n-propylamine	6.96	70	112767	45.64	ng	#	89
20) 3+4-Methylphenols	6.97	107	153253	44.02	ng		92
22) Acetophenone	6.95	105	198375	42.31	ng	#	94
24) Nitrobenzene	7.12	77	148928	39.22	ng		89
25) Isophorone	7.37	82	298418	44.40	ng		96
26) 2-Nitrophenol	7.44	139	75428	44.42	ng	#	92
27) 2,4-Dimethylphenol	7.50	122	125969	46.57	ng		99
28) bis(2-Chloroethoxy)methane	7.59	93	194320	52.23	ng		98
29) 2,4-Dichlorophenol	7.69	162	118087	47.91	ng		97
30) 1,2,4-Trichlorobenzene	7.76	180	120355	42.80	ng		95
31) Naphthalene	7.84	128	436553	44.76	ng		100
32) Benzoic acid	7.64	122	33987	18.03	ng		95
33) 4-Chloroaniline	7.91	127	32899	8.86	ng	#	91
34) Hexachlorobutadiene	7.95	225	62424	38.76	ng		98
35) Caprolactam	8.28	113	29159m	39.20	ng		
36) 4-Chloro-3-methylphenol	8.40	107	126331	43.13	ng		95
37) 2-Methylnaphthalene	8.52	142	261001	44.41	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	108588	38.97	ng		98
40) Hexachlorocyclopentadiene	8.67	237	20901	32.30	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	70978	53.58	ng		96
43) 2,4,5-Trichlorophenol	8.87	196	78833	46.98	ng		98
45) 1,1'-Biphenyl	8.99	154	313154	46.19	ng		96
46) 2-Chloronaphthalene	9.02	162	248888	48.89	ng		93
47) 2-Nitroaniline	9.12	65	80420	53.34	ng	#	79
48) Acenaphthylene	9.42	152	360441	44.95	ng		99
49) Dimethylphthalate	9.30	163	287659	47.47	ng		98
50) 2,6-Dinitrotoluene	9.37	165	59189	47.54	ng	#	79
51) Acenaphthene	9.59	154	208002	44.42	ng		100
52) 3-Nitroaniline	9.53	138	32882	25.03	ng		81
53) 2,4-Dinitrophenol	9.66	184	13815	35.56	ng		98
54) Dibenzofuran	9.76	168	315973	49.52	ng		94
55) 4-Nitrophenol	9.72	139	51304m	80.16	ng		
56) 2,4-Dinitrotoluene	9.77	165	81033	49.44	ng	#	75
57) Fluorene	10.10	166	245552	44.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	58777	52.46	ng		99
59) Diethylphthalate	10.00	149	306974	49.97	ng		98
60) 4-Chlorophenyl-phenylether	10.10	204	118931	46.55	ng	#	85
61) 4-Nitroaniline	10.15	138	50036	36.94	ng		89
62) Azobenzene	10.26	77	322862	51.03	ng		90
64) 4,6-Dinitro-2-methylphenol	10.18	198	12444	18.28	ng		95
65) n-Nitrosodiphenylamine	10.23	169	231905	55.26	ng		97
66) 4-Bromophenyl-phenylether	10.58	248	64159	49.97	ng	#	71
67) Hexachlorobenzene	10.65	284	63619	48.35	ng	#	83
68) Atrazine	10.76	200	67788	52.58	ng		98
69) Pentachlorophenol	10.84	266	53687	83.90	ng		98
70) Phenanthrene	11.05	178	313101	45.14	ng		100
71) Anthracene	11.11	178	363688	47.16	ng		99
72) Carbazole	11.27	167	306231	47.17	ng		99
73) Di-n-butylphthalate	11.61	149	433118	49.73	ng		99
74) Fluoranthene	12.23	202	296386	40.62	ng		95
76) Benzidine	12.36	184	116847	34.40	ng		96
77) Pyrene	12.46	202	311962	44.78	ng		100
79) Butylbenzylphthalate	13.10	149	149959	47.35	ng	#	84
80) Benzo(a)anthracene	13.65	228	253344	48.84	ng		98
81) 3,3'-Dichlorobenzidine	13.61	252	61510	32.95	ng	#	96
82) Chrysene	13.68	228	269023	48.72	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	220522	48.17	ng	#	97
84) Di-n-octyl phthalate	14.26	149	359949	50.39	ng		99
85) Indeno(1,2,3-cd)pyrene	16.17	276	201793	51.40	ng		99
87) Benzo(b)fluoranthene	14.64	252	262752m	49.72	ng		
88) Benzo(k)fluoranthene	14.66	252	221327m	45.55	ng		
89) Benzo(a)pyrene	14.94	252	228045	48.10	ng	#	95
90) Dibenzo(a,h)anthracene	16.18	278	173020	46.33	ng		99
91) Benzo(g,h,i)perylene	16.53	276	159480	43.44	ng		99

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

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