Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098084.D
Acq On : 28 Aug 2017 23:38
Operator : SJ/JU
Sample : I4948-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-COMPMS

Quant Time: Aug 29 09:07:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108409	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	426503	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	186225	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	370446	20.00	ng		0.00
75) Chrysene-d12	13.90	240	298551	20.00	ng		0.00
86) Perylene-d12	15.31	264	161747	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	863299	121.13	ng		0.01
7) Phenol-d6	6.39	99	1126115	116.29	ng		0.00
23) Nitrobenzene-d5	7.31	82	741726	94.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	234281	144.99	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1089699	85.97	ng		0.00
78) Terphenyl-d14	12.84	244	1018261	71.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	130597	32.857	ng	#	77
3) Pyridine	3.24	79	321097	29.222	ng		88
4) n-Nitrosodimethylamine	3.18	42	149879	35.449	ng	#	75
6) Aniline	6.40	93	58135	4.273	ng	#	1
8) 2-Chlorophenol	6.53	128	295200	39.274	ng		100
9) Benzaldehyde	6.29	77	117046	19.082	ng		90
10) Phenol	6.40	94	390824	34.508	ng		89
11) bis(2-Chloroethyl)ether	6.49	93	325117	38.034	ng		94
12) 1,3-Dichlorobenzene	6.68	146	275810	34.114	ng	#	91
13) 1,4-Dichlorobenzene	6.76	146	282467	34.352	ng	#	93
14) 1,2-Dichlorobenzene	6.91	146	265989	35.082	ng		98
15) Benzyl Alcohol	6.89	79	230836	31.839	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	418105	36.353	ng		89
17) 2-Methylphenol	7.00	107	267949	40.453	ng		95
18) Hexachloroethane	7.25	117	109854	34.076	ng	#	76
19) n-Nitroso-di-n-propylamine	7.16	70	240180	36.231	ng	#	88
20) 3+4-Methylphenols	7.16	107	327192	40.443	ng	#	88
22) Acetophenone	7.16	105	436202	38.714	ng	#	89
24) Nitrobenzene	7.33	77	374033	42.788	ng		94
25) Isophorone	7.57	82	659939	40.425	ng		97
26) 2-Nitrophenol	7.65	139	143044	45.477	ng	#	84
27) 2,4-Dimethylphenol	7.69	122	275299	40.435	ng		96
28) bis(2-Chloroethoxy)methane	7.78	93	386363	35.999	ng		98
29) 2,4-Dichlorophenol	7.89	162	235933	41.746	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	240770	38.429	ng		98
31) Naphthalene	8.05	128	835316	37.726	ng		100
32) Benzoic acid	7.82	122	170889	36.257	ng	#	83
33) 4-Chloroaniline	8.10	127	42895	4.594	ng		97
34) Hexachlorobutadiene	8.16	225	127175	34.766	ng		97
35) Caprolactam	8.47	113	82003m	42.680	ng		
36) 4-Chloro-3-methylphenol	8.59	107	293257	40.386	ng	#	82
37) 2-Methylnaphthalene	8.74	142	556517	40.996	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	219235	38.360	ng	#	98
40) Hexachlorocyclopentadiene	8.89	237	210172	76.548	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	158826	41.393 ng		97
43) 2,4,5-Trichlorophenol	9.06	196	171241	44.985 ng		96
45) 1,1'-Biphenyl	9.20	154	652543	38.426 ng		97
46) 2-Chloronaphthalene	9.23	162	486073	38.738 ng	#	93
47) 2-Nitroaniline	9.32	65	183085	43.525 ng		92
48) Acenaphthylene	9.64	152	789953	40.091 ng		99
49) Dimethylphthalate	9.50	163	580358	42.634 ng		99
50) 2,6-Dinitrotoluene	9.57	165	126307	46.485 ng	#	67
51) Acenaphthene	9.81	154	472316	38.007 ng		99
52) 3-Nitroaniline	9.73	138	31087	8.868 ng		93
53) 2,4-Dinitrophenol	9.85	184	118975	90.521 ng	#	77
54) Dibenzofuran	9.99	168	716327	43.009 ng		99
55) 4-Nitrophenol	9.90	139	229230	81.969 ng	#	39
56) 2,4-Dinitrotoluene	9.97	165	167405	49.093 ng	#	62
57) Fluorene	10.33	166	537505	41.742 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	139483	47.327 ng		94
59) Diethylphthalate	10.20	149	581376	40.841 ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	245385	41.019 ng		92
61) 4-Nitroaniline	10.35	138	84276	25.294 ng		79
62) Azobenzene	10.48	77	675964	39.976 ng		94
64) 4,6-Dinitro-2-methylphenol	10.38	198	77461	45.002 ng	#	74
65) n-Nitrosodiphenylamine	10.44	169	266166	21.100 ng		99
66) 4-Bromophenyl-phenylether	10.81	248	151007	39.255 ng		91
67) Hexachlorobenzene	10.87	284	152413	38.872 ng	#	92
68) Atrazine	10.96	200	35467	10.602 ng		98
69) Pentachlorophenol	11.07	266	177090	77.463 ng		99
70) Phenanthrene	11.29	178	809373	41.002 ng		100
71) Anthracene	11.34	178	833620	41.636 ng		99
72) Carbazole	11.49	167	373622	19.659 ng		98
73) Di-n-butylphthalate	11.83	149	907945	41.476 ng		99
74) Fluoranthene	12.47	202	893723	43.376 ng		98
77) Pyrene	12.70	202	907641	37.171 ng		99
79) Butylbenzylphthalate	13.32	149	397590	42.469 ng	#	77
80) Benzo(a)anthracene	13.89	228	692837	38.720 ng		99
82) Chrysene	13.92	228	688332	38.671 ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	478368	46.112 ng	#	99
84) Di-n-octyl phthalate	14.49	149	843843	46.749 ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	581930	44.442 ng		94
87) Benzo(b)fluoranthene	14.91	252	578891	56.780 ng		99
88) Benzo(k)fluoranthene	14.94	252	570246	59.533 ng	#	94
89) Benzo(a)pyrene	15.26	252	514319	56.984 ng		99
90) Dibenzo(a,h)anthracene	16.72	278	492203	66.985 ng		98
91) Benzo(g,h,i)perylene	17.12	276	497283	64.860 ng		94

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

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