Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097439.D
Acq On : 7 Aug 2017 19:55
Operator : SJ/JU
Sample : I4623-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-BNMS

Quant Time: Aug 08 04:48:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	91583	20.00	ng		0.00
21) Naphthalene-d8	7.70	136	379963	20.00	ng		0.00
38) Acenaphthene-d10	9.44	164	172359	20.00	ng		0.00
63) Phenanthrene-d10	10.91	188	237127	20.00	ng		0.00
75) Chrysene-d12	13.53	240	180625	20.00	ng		0.00
86) Perylene-d12	14.87	264	156600	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	603673	99.37	ng		0.00
7) Phenol-d6	6.09	99	649540	93.65	ng		0.00
23) Nitrobenzene-d5	6.99	82	416292	64.27	ng		0.00
41) 2,4,6-Tribromophenol	10.23	330	106252	78.02	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	648312	63.83	ng		0.00
78) Terphenyl-d14	12.49	244	414854	46.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	62229	24.546	ng	#	71
3) Pyridine	2.50	79	188225	24.246	ng	#	65
4) n-Nitrosodimethylamine	2.45	42	117201	27.251	ng		79
6) Aniline	6.07	93	244981	28.070	ng		95
8) 2-Chlorophenol	6.20	128	199069	30.644	ng		96
9) Benzaldehyde	5.96	77	100579	24.500	ng		96
10) Phenol	6.10	94	258801	31.459	ng		99
11) bis(2-Chloroethyl)ether	6.16	93	175435	26.963	ng		87
12) 1,3-Dichlorobenzene	6.35	146	192437	27.489	ng		98
13) 1,4-Dichlorobenzene	6.43	146	207081	29.848	ng		94
14) 1,2-Dichlorobenzene	6.58	146	177455	29.294	ng		99
15) Benzyl Alcohol	6.57	79	157752	35.925	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.70	45	428513	32.836	ng		56
17) 2-Methylphenol	6.70	107	170441	33.996	ng	#	89
18) Hexachloroethane	6.92	117	72486	28.559	ng	#	80
19) n-Nitroso-di-n-propylamine	6.85	70	154308	33.801	ng	#	81
20) 3+4-Methylphenols	6.86	107	236358	36.095	ng	#	61
22) Acetophenone	6.83	105	295929	32.432	ng	#	99
24) Nitrobenzene	7.00	77	221073	32.773	ng		96
25) Isophorone	7.25	82	376652	29.694	ng		98
26) 2-Nitrophenol	7.32	139	103386	28.329	ng	#	83
27) 2,4-Dimethylphenol	7.38	122	170758	28.364	ng		99
28) bis(2-Chloroethoxy)methane	7.46	93	233090	28.159	ng		98
29) 2,4-Dichlorophenol	7.58	162	159690	30.791	ng		98
30) 1,2,4-Trichlorobenzene	7.65	180	142585	28.844	ng		99
31) Naphthalene	7.72	128	567864	31.705	ng		100
32) Benzoic acid	7.38	122	170758	37.985	ng	#	13
33) 4-Chloroaniline	7.78	127	208902	28.664	ng		99
34) Hexachlorobutadiene	7.84	225	76552	29.210	ng		97
35) Caprolactam	8.15	113	55519	33.385	ng	#	64
36) 4-Chloro-3-methylphenol	8.29	107	178410	31.532	ng	#	85
37) 2-Methylnaphthalene	8.41	142	380852	33.584	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.58	216	137489	29.896	ng		99
40) Hexachlorocyclopentadiene	8.56	237	5578	9.774	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	97578	29.278	ng		97
43) 2,4,5-Trichlorophenol	8.75	196	100996	30.276	ng		98
45) 1,1'-Biphenyl	8.87	154	428096	29.079	ng		97
46) 2-Chloronaphthalene	8.89	162	330445	30.502	ng		94
47) 2-Nitroaniline	9.00	65	131926	33.555	ng		96
48) Acenaphthylene	9.30	152	515674	31.011	ng		99
49) Dimethylphthalate	9.18	163	495371	37.847	ng		99
50) 2,6-Dinitrotoluene	9.25	165	87465	31.507	ng	#	71
51) Acenaphthene	9.47	154	305817	31.222	ng		99
52) 3-Nitroaniline	9.42	138	99506	28.878	ng		90
53) 2,4-Dinitrophenol	9.57	184	2923	2.316	ng	#	75
54) Dibenzofuran	9.65	168	445549	34.150	ng		96
55) 4-Nitrophenol	9.65	139	276940	135.151	ng	#	33
56) 2,4-Dinitrotoluene	9.66	165	105214	32.969	ng	#	80
57) Fluorene	9.99	166	288590	29.431	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.78	232	65928	28.624	ng		98
59) Diethylphthalate	9.87	149	343884	28.638	ng		99
60) 4-Chlorophenyl-phenylether	9.98	204	123842	30.584	ng		97
61) 4-Nitroaniline	10.02	138	84925	25.939	ng		93
62) Azobenzene	10.14	77	381157	34.216	ng		93
64) 4,6-Dinitro-2-methylphenol	10.07	198	13167	8.936	ng		90
65) n-Nitrosodiphenylamine	10.10	169	287966	34.902	ng		97
66) 4-Bromophenyl-phenylether	10.46	248	79613	33.642	ng		97
67) Hexachlorobenzene	10.53	284	77903	29.356	ng	#	84
68) Atrazine	10.64	200	81676	34.522	ng		95
69) Pentachlorophenol	10.74	266	42032	38.281	ng		97
70) Phenanthrene	10.93	178	409970	32.267	ng		99
71) Anthracene	10.99	178	420340	32.301	ng		99
72) Carbazole	11.15	167	402760	31.470	ng		98
73) Di-n-butylphthalate	11.49	149	483810	30.583	ng		98
74) Fluoranthene	12.12	202	347504	27.919	ng		98
76) Benzidine	12.24	184	234660	35.013	ng	#	93
77) Pyrene	12.34	202	402996	27.253	ng		98
79) Butylbenzylphthalate	12.97	149	193291	25.697	ng	#	74
80) Benzo(a)anthracene	13.52	228	334138	28.590	ng		99
81) 3,3'-Dichlorobenzidine	13.49	252	121328	27.529	ng	#	97
82) Chrysene	13.56	228	344156	30.157	ng		98
83) Bis(2-ethylhexyl)phthalate	13.54	149	243111	24.754	ng	#	99
84) Di-n-octyl phthalate	14.14	149	453546	25.165	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.06	276	218724	22.351	ng		97
87) Benzo(b)fluoranthene	14.53	252	288064	30.601	ng		98
88) Benzo(k)fluoranthene	14.54	252	299910	33.434	ng		96
89) Benzo(a)pyrene	14.82	252	271892	31.558	ng		98
90) Dibenzo(a,h)anthracene	16.06	278	184282	26.083	ng		96
91) Benzo(g,h,i)perylene	16.41	276	176014	23.757	ng		98

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

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