Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096829.D
Acq On : 17 Jul 2017 19:46
Operator : SJ/JU
Sample : I4203-06MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-SB04AMS

Manual Integrations APPROVED
mohammad
7/20/2017 8:38:38 AM

Quant Time: Jul 18 03:57:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	116528	20.00	ng		-0.02
21) Naphthalene-d8	7.89	136	392709	20.00	ng		-0.03
38) Acenaphthene-d10	9.64	164	140174	20.00	ng		-0.03
63) Phenanthrene-d10	11.12	188	203102	20.00	ng		-0.03
75) Chrysene-d12	13.74	240	203940	20.00	ng		-0.03
86) Perylene-d12	15.12	264	193777	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	772403	99.66	ng		0.00
7) Phenol-d6	6.27	99	1010679	108.67	ng		0.00
23) Nitrobenzene-d5	7.18	82	597852	94.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.43	330	126702	105.89	ng		-0.03
44) 2-Fluorobiphenyl	8.97	172	828019	93.33	ng		-0.03
78) Terphenyl-d14	12.70	244	633265	53.85	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	113905	28.563	ng	#	75
3) Pyridine	2.95	79	63705	7.601	ng	#	64
4) n-Nitrosodimethylamine	2.85	42	167353	35.708	ng		80
6) Aniline	6.32	93	199870m	17.447	ng		
8) 2-Chlorophenol	6.40	128	274444	32.825	ng		95
9) Benzaldehyde	6.16	77	154170	28.680	ng		99
10) Phenol	6.29	94	373337	35.510	ng		97
11) bis(2-Chloroethyl)ether	6.36	93	299167	37.840	ng		93
12) 1,3-Dichlorobenzene	6.56	146	307381	34.587	ng		98
13) 1,4-Dichlorobenzene	6.63	146	298883	33.209	ng		97
14) 1,2-Dichlorobenzene	6.79	146	251243	30.691	ng		96
15) Benzyl Alcohol	6.76	79	199539	32.771	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	509129	31.204	ng		97
17) 2-Methylphenol	6.89	107	198571	30.542	ng		97
18) Hexachloroethane	7.12	117	98742	30.940	ng	#	77
19) n-Nitroso-di-n-propylamine	7.04	70	189255	33.777	ng	#	84
20) 3+4-Methylphenols	7.04	107	272900	34.590	ng	#	63
22) Acetophenone	7.03	105	383948	43.744	ng		98
24) Nitrobenzene	7.20	77	275216	41.972	ng		92
25) Isophorone	7.44	82	420509	35.654	ng		96
26) 2-Nitrophenol	7.52	139	122086	33.485	ng		92
27) 2,4-Dimethylphenol	7.56	122	206355	34.403	ng		97
28) bis(2-Chloroethoxy)methane	7.65	93	289185	36.285	ng		100
29) 2,4-Dichlorophenol	7.76	162	184524	33.986	ng		98
30) 1,2,4-Trichlorobenzene	7.84	180	190662	36.933	ng		97
31) Naphthalene	7.92	128	683613	36.747	ng		100
32) Benzoic acid	7.67	122	42980	11.211	ng		90
33) 4-Chloroaniline	7.97	127	150423	20.408	ng		96
34) Hexachlorobutadiene	8.04	225	99790	36.210	ng		98
35) Caprolactam	8.32	113	40821	23.464	ng	#	59
36) 4-Chloro-3-methylphenol	8.46	107	172951	29.625	ng		89
37) 2-Methylnaphthalene	8.60	142	439714	37.074	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	153589	40.533	ng		99
40) Hexachlorocyclopentadiene	8.76	237	22541	19.815	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	103627	37.075	ng		99
43) 2,4,5-Trichlorophenol	8.93	196	98987	35.115	ng		92
45) 1,1'-Biphenyl	9.07	154	466049	38.767	ng		98
46) 2-Chloronaphthalene	9.09	162	345829	39.066	ng		95
47) 2-Nitroaniline	9.19	65	110265	36.237	ng		92
48) Acenaphthylene	9.50	152	525458	37.254	ng		99
49) Dimethylphthalate	9.37	163	485591	46.007	ng		98
50) 2,6-Dinitrotoluene	9.43	165	80870	35.374	ng	#	78
51) Acenaphthene	9.67	154	295473	35.461	ng		99
52) 3-Nitroaniline	9.59	138	73319	27.072	ng		93
53) 2,4-Dinitrophenol	9.71	184	9542	14.460	ng	#	75
54) Dibenzofuran	9.85	168	439334	37.626	ng		100
55) 4-Nitrophenol	9.77	139	118428	59.855	ng	#	66
56) 2,4-Dinitrotoluene	9.83	165	94405	32.136	ng	#	80
57) Fluorene	10.19	166	315336	36.547	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.97	232	68177	34.873	ng	#	96
59) Diethylphthalate	10.07	149	361994	35.231	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	132962	35.068	ng		97
61) 4-Nitroaniline	10.20	138	75240	29.585	ng		91
62) Azobenzene	10.34	77	313377	34.572	ng		91
64) 4,6-Dinitro-2-methylphenol	10.24	198	9808	7.691	ng		90
65) n-Nitrosodiphenylamine	10.30	169	279278	38.467	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	79942	38.552	ng		95
67) Hexachlorobenzene	10.73	284	80560	34.882	ng	#	88
68) Atrazine	10.83	200	77737	37.583	ng		95
69) Pentachlorophenol	10.93	266	78577	70.428	ng		99
70) Phenanthrene	11.14	178	494427	44.771	ng		99
71) Anthracene	11.19	178	462746	41.444	ng		98
72) Carbazole	11.34	167	418228	38.679	ng		99
73) Di-n-butylphthalate	11.69	149	516275	38.339	ng		99
74) Fluoranthene	12.32	202	654986	61.964	ng		99
77) Pyrene	12.54	202	689706	37.264	ng		99
79) Butylbenzylphthalate	13.17	149	276223	62.820	ng	#	83
80) Benzo(a)anthracene	13.73	228	545160	42.902	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	49006	10.725	ng	#	98
82) Chrysene	13.77	228	520161	41.581	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	331376	30.942	ng		99
84) Di-n-octyl phthalate	14.35	149	637952	36.037	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.42	276	320681	28.980	ng		99
87) Benzo(b)fluoranthene	14.74	252	493241m	42.204	ng		
88) Benzo(k)fluoranthene	14.77	252	431809m	39.018	ng		
89) Benzo(a)pyrene	15.06	252	448897	41.879	ng		98
90) Dibenzo(a,h)anthracene	16.43	278	251827	25.532	ng		98
91) Benzo(g,h,i)perylene	16.80	276	265222	25.111	ng		97

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

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