Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096643.D
Acq On : 11 Jul 2017 14:40
Operator : SJ/JU
Sample : I4114-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-SANDMS

Manual Integrations APPROVED
mohammad
7/12/2017 4:49:37 PM

Quant Time: Jul 11 17:30:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	108231	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	506827	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	213225	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	380329	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	248325	20.00	ng		-0.02
86) Perylene-d12	15.22	264	189495	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	625011	85.23	ng		-0.01
7) Phenol-d6	6.33	99	763333	84.68	ng		-0.02
23) Nitrobenzene-d5	7.25	82	457013	54.18	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	162864	97.78	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	870072	69.77	ng		-0.02
78) Terphenyl-d14	12.78	244	688443	59.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	80036	23.018	ng	#	75
3) Pyridine	3.05	79	224265	23.507	ng	#	60
4) n-Nitrosodimethylamine	2.99	42	129730	27.550	ng		83
6) Aniline	6.35	93	280108	24.041	ng	#	58
8) 2-Chlorophenol	6.47	128	231944	29.661	ng		94
9) Benzaldehyde	6.23	77	148944	26.400	ng		99
10) Phenol	6.34	94	298179	29.034	ng		78
11) bis(2-Chloroethyl)ether	6.42	93	218586	27.541	ng		90
12) 1,3-Dichlorobenzene	6.63	146	239429	29.202	ng		98
13) 1,4-Dichlorobenzene	6.70	146	246368	30.063	ng		96
14) 1,2-Dichlorobenzene	6.86	146	230769	30.669	ng		97
15) Benzyl Alcohol	6.83	79	189823	31.500	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	472827	29.305	ng		91
17) 2-Methylphenol	6.95	107	189547	30.416	ng		94
18) Hexachloroethane	7.20	117	88049	29.636	ng	#	81
19) n-Nitroso-di-n-propylamine	7.10	70	154075	28.689	ng	#	86
20) 3+4-Methylphenols	7.10	107	227921	32.790	ng		96
22) Acetophenone	7.09	105	305273	27.566	ng	#	96
24) Nitrobenzene	7.26	77	231997	26.220	ng		94
25) Isophorone	7.51	82	427970	26.170	ng		96
26) 2-Nitrophenol	7.59	139	139083	29.698	ng		91
27) 2,4-Dimethylphenol	7.63	122	224281	28.125	ng		96
28) bis(2-Chloroethoxy)methane	7.72	93	310974	28.807	ng		99
29) 2,4-Dichlorophenol	7.83	162	209094	30.391	ng		95
30) 1,2,4-Trichlorobenzene	7.91	180	196279	30.243	ng		98
31) Naphthalene	7.99	128	717387	29.982	ng		99
32) Benzoic acid	7.72	122	44701	6.675	ng		93
33) 4-Chloroaniline	8.04	127	219798	22.116	ng		96
34) Hexachlorobutadiene	8.12	225	97735	29.361	ng		98
35) Caprolactam	8.40	113	74049m	31.211	ng		
36) 4-Chloro-3-methylphenol	8.53	107	211296	27.755	ng		89
37) 2-Methylnaphthalene	8.68	142	487257	31.992	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	165965	29.977	ng		99
40) Hexachlorocyclopentadiene	8.84	237	135344	50.276	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	130430	29.780	ng		100
43) 2,4,5-Trichlorophenol	9.00	196	132193	30.526	ng		92
45) 1,1'-Biphenyl	9.15	154	540240	29.571	ng		98
46) 2-Chloronaphthalene	9.17	162	417142	30.638	ng		96
47) 2-Nitroaniline	9.26	65	155429	31.374	ng		91
48) Acenaphthylene	9.58	152	674504	31.265	ng		99
49) Dimethylphthalate	9.45	163	604978	38.007	ng		99
50) 2,6-Dinitrotoluene	9.50	165	112359	31.921	ng	#	81
51) Acenaphthene	9.75	154	389843	29.315	ng		98
52) 3-Nitroaniline	9.67	138	109418	24.923	ng		94
53) 2,4-Dinitrophenol	9.78	184	60029	32.109	ng	#	71
54) Dibenzofuran	9.92	168	581885	33.142	ng		99
55) 4-Nitrophenol	9.85	139	192660	52.945	ng	#	74
56) 2,4-Dinitrotoluene	9.91	165	151152	33.910	ng	#	89
57) Fluorene	10.27	166	432326	34.865	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	107914	36.018	ng	#	97
59) Diethylphthalate	10.15	149	487852	32.426	ng		100
60) 4-Chlorophenyl-phenylether	10.26	204	181509	33.643	ng		97
61) 4-Nitroaniline	10.28	138	124592	31.211	ng		91
62) Azobenzene	10.42	77	481909	33.126	ng		92
64) 4,6-Dinitro-2-methylphenol	10.32	198	61631	23.497	ng		91
65) n-Nitrosodiphenylamine	10.37	169	411811	30.860	ng		100
66) 4-Bromophenyl-phenylether	10.74	248	117762	31.807	ng		98
67) Hexachlorobenzene	10.82	284	122527	30.232	ng	#	89
68) Atrazine	10.90	200	119305	31.294	ng		93
69) Pentachlorophenol	11.01	266	117438	48.891	ng		99
70) Phenanthrene	11.22	178	643555	31.302	ng		98
71) Anthracene	11.27	178	668533	31.909	ng		99
72) Carbazole	11.43	167	604283	28.680	ng		99
73) Di-n-butylphthalate	11.77	149	772634	30.275	ng		98
74) Fluoranthene	12.40	202	649996	32.246	ng		98
76) Benzidine	12.53	184	289818	24.323	ng	#	92
77) Pyrene	12.63	202	621532	31.182	ng		98
79) Butylbenzylphthalate	13.26	149	320058	31.720	ng	#	81
80) Benzo(a)anthracene	13.82	228	445695	30.994	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	128448	21.748	ng	#	97
82) Chrysene	13.86	228	467362	31.036	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	379087	33.658	ng		99
84) Di-n-octyl phthalate	14.43	149	683298	30.808	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.56	276	358629	30.170	ng		98
87) Benzo(b)fluoranthene	14.83	252	393013	33.099	ng		98
88) Benzo(k)fluoranthene	14.86	252	341209	32.125	ng		97
89) Benzo(a)pyrene	15.17	252	329128	31.047	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	298600	35.805	ng		97
91) Benzo(g,h,i)perylene	16.97	276	317014	36.684	ng		98

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

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