Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096609.D
Acq On : 10 Jul 2017 19:03
Operator : SJ/JU
Sample : I4101-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-11MS

Manual Integrations APPROVED
mohammad
7/11/2017 1:35:08 PM

Quant Time: Jul 11 03:37:26 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	6.68	152	122447	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	497496	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	220900	20.00	ng		-0.02
63) Phenanthrene-d10	11.19	188	401385	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	264600	20.00	ng		-0.02
86) Perylene-d12	15.22	264	200845	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	741720	89.41	ng		0.00
7) Phenol-d6	6.33	99	917782	89.99	ng		-0.02
23) Nitrobenzene-d5	7.25	82	574768	69.42	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	187020	108.39	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	989997	76.63	ng		-0.02
78) Terphenyl-d14	12.78	244	765808	61.84	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	104073	26.46	ng	#	75
3) Pyridine	3.07	79	264622	24.52	ng	#	63
4) n-Nitrosodimethylamine	3.01	42	162862	30.57	ng		81
6) Aniline	6.35	93	341397	25.90	ng	#	70
8) 2-Chlorophenol	6.47	128	275568	31.15	ng		93
9) Benzaldehyde	6.23	77	158937	24.90	ng		98
10) Phenol	6.34	94	358054	30.82	ng		80
11) bis(2-Chloroethyl)ether	6.42	93	267410	29.78	ng		91
12) 1,3-Dichlorobenzene	6.62	146	293024	31.59	ng		98
13) 1,4-Dichlorobenzene	6.70	146	298094	32.15	ng		94
14) 1,2-Dichlorobenzene	6.86	146	279867	32.88	ng		95
15) Benzyl Alcohol	6.83	79	230151	33.76	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	605862	33.19	ng		91
17) 2-Methylphenol	6.95	107	236003	33.47	ng		99
18) Hexachloroethane	7.20	117	111770	33.25	ng	#	80
19) n-Nitroso-di-n-propylamine	7.10	70	196273	32.30	ng	#	86
20) 3+4-Methylphenols	7.10	107	283259	36.02	ng		96
22) Acetophenone	7.09	105	387120	35.61	ng	#	93
24) Nitrobenzene	7.26	77	297895	34.30	ng		93
25) Isophorone	7.51	82	529830	33.01	ng		96
26) 2-Nitrophenol	7.58	139	162061	35.25	ng	#	87
27) 2,4-Dimethylphenol	7.63	122	266638	34.06	ng		95
28) bis(2-Chloroethoxy)methane	7.72	93	332595	31.39	ng		99
29) 2,4-Dichlorophenol	7.83	162	226134	33.48	ng		98
30) 1,2,4-Trichlorobenzene	7.91	180	214971	33.74	ng		98
31) Naphthalene	7.99	128	793242	33.77	ng		99
32) Benzoic acid	7.71	122	38413	5.84	ng		97
33) 4-Chloroaniline	8.03	127	249047	25.53	ng		97
34) Hexachlorobutadiene	8.11	225	111882	34.24	ng		98
35) Caprolactam	8.40	113	79726m	34.23	ng		
36) 4-Chloro-3-methylphenol	8.53	107	245423	32.84	ng		91
37) 2-Methylnaphthalene	8.68	142	539317	36.07	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	184141	32.10	ng		98
40) Hexachlorocyclopentadiene	8.84	237	178994	64.18	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	151320	33.35	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	161614	36.02	ng		97
45) 1,1'-Biphenyl	9.14	154	632584	33.42	ng		97
46) 2-Chloronaphthalene	9.16	162	496033	35.17	ng		94
47) 2-Nitroaniline	9.26	65	184503	35.95	ng		97
48) Acenaphthylene	9.58	152	742300	33.21	ng		99
49) Dimethylphthalate	9.45	163	678906	41.17	ng		99
50) 2,6-Dinitrotoluene	9.50	165	130627	35.82	ng	#	86
51) Acenaphthene	9.75	154	436872	31.71	ng		98
52) 3-Nitroaniline	9.67	138	124226	27.31	ng		88
53) 2,4-Dinitrophenol	9.78	184	97194	50.18	ng	#	66
54) Dibenzofuran	9.92	168	658983	36.23	ng		99
55) 4-Nitrophenol	9.84	139	219231	58.15	ng	#	65
56) 2,4-Dinitrotoluene	9.90	165	167550	36.28	ng	#	78
57) Fluorene	10.26	166	474179	36.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	120345	38.77	ng		97
59) Diethylphthalate	10.15	149	529081	33.94	ng		100
60) 4-Chlorophenyl-phenylether	10.26	204	194379	34.78	ng		96
61) 4-Nitroaniline	10.28	138	145970	35.30	ng		91
62) Azobenzene	10.42	77	520016	34.50	ng		93
64) 4,6-Dinitro-2-methylphenol	10.32	198	81539	29.46	ng		80
65) n-Nitrosodiphenylamine	10.37	169	446034	31.67	ng		98
66) 4-Bromophenyl-phenylether	10.75	248	131678	33.70	ng		100
67) Hexachlorobenzene	10.82	284	139945	32.72	ng	#	91
68) Atrazine	10.90	200	131815	32.76	ng		95
69) Pentachlorophenol	11.01	266	143506	56.61	ng		99
70) Phenanthrene	11.22	178	727997	33.55	ng		99
71) Anthracene	11.27	178	774927	35.05	ng		98
72) Carbazole	11.42	167	750586	33.75	ng		99
73) Di-n-butylphthalate	11.76	149	876237	32.53	ng		99
74) Fluoranthene	12.40	202	750212	35.27	ng		98
76) Benzidine	12.52	184	395746	31.17	ng	#	93
77) Pyrene	12.63	202	770782	36.29	ng		99
79) Butylbenzylphthalate	13.26	149	363821	33.84	ng		87
80) Benzo(a)anthracene	13.81	228	548634	35.81	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	158901	25.25	ng	#	96
82) Chrysene	13.85	228	536885	33.46	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	414958	34.58	ng		99
84) Di-n-octyl phthalate	14.43	149	680300	28.79	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.55	276	407676	32.19	ng		98
87) Benzo(b)fluoranthene	14.83	252	427267	33.95	ng		99
88) Benzo(k)fluoranthene	14.85	252	374135	33.23	ng		97
89) Benzo(a)pyrene	15.16	252	380154	33.83	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	329270	37.25	ng		98
91) Benzo(g,h,i)perylene	16.96	276	349355	38.14	ng		97

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

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