Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095958.D
Acq On : 16 Jun 2017 16:32
Operator : SJ/MA
Sample : I3693-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-AMS

Manual Integrations APPROVED
mohammad
6/19/2017 3:46:53 PM

Quant Time: Jun 16 23:53:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	58972	20.00	ng		0.00
21) Naphthalene-d8	9.35	136	244070	20.00	ng		0.00
38) Acenaphthene-d10	12.17	164	108566	20.00	ng		0.00
63) Phenanthrene-d10	14.57	188	177709	20.00	ng		0.00
75) Chrysene-d12	18.29	240	121132	20.00	ng		0.00
86) Perylene-d12	19.96	264	125499	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	461641	124.74	ng		0.03
7) Phenol-d6	6.90	99	545503	123.12	ng		0.00
23) Nitrobenzene-d5	8.25	82	347544	88.43	ng		0.00
41) 2,4,6-Tribromophenol	13.47	330	123617	128.69	ng		0.00
44) 2-Fluorobiphenyl	11.13	172	677046	86.78	ng		0.00
78) Terphenyl-d14	16.94	244	485085	99.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.79	88	58203	33.06	ng		96
3) Pyridine	2.33	79	98628	23.84	ng		97
4) n-Nitrosodimethylamine	2.26	42	65029	41.34	ng		79
6) Aniline	6.84	93	74089	12.78	ng		94
8) 2-Chlorophenol	7.02	128	176768	44.92	ng		98
9) Benzaldehyde	6.65	77	38546	12.90	ng		97
10) Phenol	6.93	94	193674	42.14	ng		95
11) bis(2-Chloroethyl)ether	6.97	93	168013	46.15	ng		98
12) 1,3-Dichlorobenzene	7.22	146	183356	41.17	ng		96
13) 1,4-Dichlorobenzene	7.35	146	186030	41.19	ng		98
14) 1,2-Dichlorobenzene	7.58	146	179253	43.05	ng		96
15) Benzyl Alcohol	7.64	79	140245	46.12	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.83	45	221684	43.34	ng		95
17) 2-Methylphenol	7.87	107	145117	43.94	ng		94
18) Hexachloroethane	8.10	117	61146	40.99	ng		89
19) n-Nitroso-di-n-propylamine	8.06	70	126576	45.08	ng		91
20) 3+4-Methylphenols	8.15	107	192412	45.90	ng	#	55
22) Acetophenone	8.02	105	251517	44.03	ng	#	84
24) Nitrobenzene	8.27	77	174106	41.47	ng		91
25) Isophorone	8.68	82	319620	43.56	ng		97
26) 2-Nitrophenol	8.79	139	96981	44.12	ng		98
27) 2,4-Dimethylphenol	8.95	122	154995	45.43	ng		98
28) bis(2-Chloroethoxy)methane	9.06	93	204089	42.19	ng		99
29) 2,4-Dichlorophenol	9.23	162	148583	45.22	ng		96
30) 1,2,4-Trichlorobenzene	9.29	180	143118	41.86	ng		98
31) Naphthalene	9.39	128	521401	42.57	ng		100
32) Benzoic acid	9.32	122	79070	38.25	ng		92
33) 4-Chloroaniline	9.57	127	68113	14.23	ng	#	91
34) Hexachlorobutadiene	9.60	225	73659	41.70	ng		98
35) Caprolactam	10.18	113	40657m	41.59	ng		
36) 4-Chloro-3-methylphenol	10.43	107	155939	45.34	ng		87
37) 2-Methylnaphthalene	10.52	142	362980	43.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	140062	43.11	ng		98
40) Hexachlorocyclopentadiene	10.76	237	31227	37.59	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	97556	46.70	ng		98
43) 2,4,5-Trichlorophenol	11.13	196	92218	41.50	ng		94
45) 1,1'-Biphenyl	11.28	154	400082	44.71	ng		97
46) 2-Chloronaphthalene	11.30	162	307882	44.04	ng		96
47) 2-Nitroaniline	11.52	65	88998	43.50	ng	#	84
48) Acenaphthylene	11.95	152	481724	40.29	ng		99
49) Dimethylphthalate	11.84	163	370953	45.00	ng		99
50) 2,6-Dinitrotoluene	11.94	165	76802	42.72	ng	#	76
51) Acenaphthene	12.23	154	288899	41.84	ng		98
52) 3-Nitroaniline	12.21	138	48013	22.92	ng		91
53) 2,4-Dinitrophenol	12.43	184	57490	58.37	ng	#	67
54) Dibenzofuran	12.52	168	442958	45.58	ng		99
55) 4-Nitrophenol	12.64	139	82897	68.48	ng	#	69
56) 2,4-Dinitrotoluene	12.61	165	111499	45.91	ng		95
57) Fluorene	13.07	166	352848	41.72	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.77	232	73520	48.36	ng	#	92
59) Diethylphthalate	12.99	149	359876	45.36	ng		99
60) 4-Chlorophenyl-phenylether	13.10	204	157976	42.96	ng		89
61) 4-Nitroaniline	13.20	138	74006	37.84	ng		95
62) Azobenzene	13.36	77	326322	45.39	ng		92
64) 4,6-Dinitro-2-methylphenol	13.29	198	45591	39.03	ng	#	75
65) n-Nitrosodiphenylamine	13.31	169	304725	47.72	ng		99
66) 4-Bromophenyl-phenylether	13.87	248	86718	46.95	ng		99
67) Hexachlorobenzene	13.96	284	85144	46.78	ng	#	91
68) Atrazine	14.24	200	86927	48.91	ng		99
69) Pentachlorophenol	14.33	266	47570	69.85	ng		99
70) Phenanthrene	14.60	178	464086	45.26	ng		99
71) Anthracene	14.69	178	477162	44.57	ng		97
72) Carbazole	14.99	167	426209	40.86	ng		97
73) Di-n-butylphthalate	15.59	149	550524	49.60	ng		98
74) Fluoranthene	16.39	202	415878	40.98	ng		98
76) Benzidine	16.63	184	39786	8.55	ng		95
77) Pyrene	16.69	202	414412	45.85	ng		99
79) Butylbenzylphthalate	17.61	149	185260	46.93	ng	#	86
80) Benzo(a)anthracene	18.28	228	326401	46.35	ng		97
81) 3,3'-Dichlorobenzidine	18.27	252	86075	34.38	ng	#	93
82) Chrysene	18.32	228	319951	45.46	ng		99
83) Bis(2-ethylhexyl)phthalate	18.36	149	255057	45.81	ng	#	100
84) Di-n-octyl phthalate	19.13	149	423236	46.13	ng		95
85) Indeno(1,2,3-cd)pyrene	21.12	276	312273	51.86	ng		99
87) Benzo(b)fluoranthene	19.55	252	340847m	43.37	ng		
88) Benzo(k)fluoranthene	19.58	252	312636	41.62	ng		95
89) Benzo(a)pyrene	19.90	252	321798	44.55	ng		99
90) Dibenzo(a,h)anthracene	21.12	278	267710	43.70	ng		96
91) Benzo(g,h,i)perylene	21.44	276	258337	41.36	ng		96

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

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