Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095198.D
Acq On : 17 May 2017 22:15
Operator : SJ/MA
Sample : I3157-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Manual Integrations APPROVED
mohammad
5/18/2017 2:29:26 PM

Quant Time: May 18 09:04:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 04:48:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	82411	20.00	ng		0.00
21) Naphthalene-d8	9.79	136	325249	20.00	ng		0.00
38) Acenaphthene-d10	12.62	164	162267	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	303812	20.00	ng		0.00
75) Chrysene-d12	18.69	240	243306	20.00	ng		0.00
86) Perylene-d12	20.37	264	188080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	689057	139.40	ng		0.01
7) Phenol-d6	7.32	99	900712	151.87	ng		0.01
23) Nitrobenzene-d5	8.68	82	482695	93.58	ng		0.00
41) 2,4,6-Tribromophenol	13.92	330	192257	144.67	ng		0.00
44) 2-Fluorobiphenyl	11.56	172	1005313	89.17	ng		0.00
78) Terphenyl-d14	17.34	244	911084	82.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	85780	35.38	ng		94
3) Pyridine	3.01	79	190278	33.87	ng		94
4) n-Nitrosodimethylamine	2.93	42	72317	30.88	ng		84
6) Aniline	7.28	93	296824	39.64	ng		97
8) 2-Chlorophenol	7.47	128	280359	49.83	ng		96
9) Benzaldehyde	7.11	77	108072	29.84	ng		96
10) Phenol	7.34	94	310420	49.67	ng		88
11) bis(2-Chloroethyl)ether	7.41	93	242956	47.09	ng		95
12) 1,3-Dichlorobenzene	7.68	146	294017	46.07	ng		97
13) 1,4-Dichlorobenzene	7.80	146	281840	43.55	ng		98
14) 1,2-Dichlorobenzene	8.04	146	284055	47.02	ng		96
15) Benzyl Alcohol	8.06	79	215411	56.47	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	319490	43.75	ng		60
17) 2-Methylphenol	8.27	107	220842	47.96	ng	#	89
18) Hexachloroethane	8.55	117	96876	44.18	ng	#	87
19) n-Nitroso-di-n-propylamine	8.48	70	190431	47.48	ng		92
20) 3+4-Methylphenols	8.52	107	295363	47.21	ng	#	57
22) Acetophenone	8.45	105	365935	46.89	ng	#	85
24) Nitrobenzene	8.71	77	243203	44.98	ng		91
25) Isophorone	9.11	82	460454	49.99	ng		94
26) 2-Nitrophenol	9.21	139	148669	50.96	ng		99
27) 2,4-Dimethylphenol	9.34	122	245197	51.99	ng		97
28) bis(2-Chloroethoxy)methane	9.47	93	302466	47.47	ng		100
29) 2,4-Dichlorophenol	9.64	162	221122	49.65	ng		99
30) 1,2,4-Trichlorobenzene	9.71	180	222949	46.73	ng		98
31) Naphthalene	9.82	128	717516	43.89	ng		100
32) Benzoic acid	9.63	122	11800	8.49	ng		86
33) 4-Chloroaniline	9.99	127	74747	12.27	ng	#	92
34) Hexachlorobutadiene	10.04	225	102539	40.73	ng		96
35) Caprolactam	10.59	113	57373m	42.90	ng		
36) 4-Chloro-3-methylphenol	10.82	107	237316	49.84	ng		90
37) 2-Methylnaphthalene	10.95	142	526409	49.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	200821	40.24	ng		99
40) Hexachlorocyclopentadiene	11.20	237	113180	55.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	149714	44.94	ng		99
43) 2,4,5-Trichlorophenol	11.54	196	144331	40.30	ng		95
45) 1,1'-Biphenyl	11.71	154	573938	42.01	ng		97
46) 2-Chloronaphthalene	11.73	162	462611	41.94	ng		96
47) 2-Nitroaniline	11.95	65	135016	44.72	ng	#	86
48) Acenaphthylene	12.39	152	762922	44.15	ng		98
49) Dimethylphthalate	12.27	163	693555	52.06	ng		98
50) 2,6-Dinitrotoluene	12.36	165	126463	46.53	ng		98
51) Acenaphthene	12.67	154	442619	42.89	ng		98
52) 3-Nitroaniline	12.64	138	67605	23.18	ng		83
53) 2,4-Dinitrophenol	12.85	184	35917	28.37	ng	#	66
54) Dibenzofuran	12.96	168	678902	47.54	ng		98
55) 4-Nitrophenol	13.02	139	151053	86.22	ng	#	75
56) 2,4-Dinitrotoluene	13.02	165	170576	48.85	ng	#	87
57) Fluorene	13.52	166	532816	42.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.20	232	111841	49.63	ng	#	96
59) Diethylphthalate	13.41	149	543329	42.55	ng		99
60) 4-Chlorophenyl-phenylether	13.54	204	232464	42.59	ng		90
61) 4-Nitroaniline	13.64	138	109287	40.81	ng		95
62) Azobenzene	13.80	77	495291	48.27	ng		94
64) 4,6-Dinitro-2-methylphenol	13.70	198	69568	34.16	ng	#	68
65) n-Nitrosodiphenylamine	13.75	169	467909	42.43	ng		99
66) 4-Bromophenyl-phenylether	14.32	248	118186	36.82	ng		96
67) Hexachlorobenzene	14.41	284	118218	35.94	ng	#	87
68) Atrazine	14.67	200	139076	44.67	ng		96
69) Pentachlorophenol	14.77	266	101726	69.25	ng		95
70) Phenanthrene	15.07	178	761603	43.63	ng		98
71) Anthracene	15.15	178	790611	44.34	ng		98
72) Carbazole	15.42	167	734631	45.28	ng		97
73) Di-n-butylphthalate	15.98	149	826706	40.86	ng		98
74) Fluoranthene	16.80	202	776984	43.39	ng		99
76) Benzidine	17.02	184	338015	50.91	ng	#	92
77) Pyrene	17.11	202	797934	43.85	ng		99
79) Butylbenzylphthalate	18.00	149	328168	38.77	ng		90
80) Benzo(a)anthracene	18.68	228	610026	43.08	ng		98
81) 3,3'-Dichlorobenzidine	18.66	252	125758	25.71	ng	#	94
82) Chrysene	18.72	228	559752	40.88	ng		98
83) Bis(2-ethylhexyl)phthalate	18.74	149	485811	40.29	ng		99
84) Di-n-octyl phthalate	19.51	149	763588	38.62	ng		96
85) Indeno(1,2,3-cd)pyrene	21.69	276	440354	39.60	ng		99
87) Benzo(b)fluoranthene	19.96	252	468640	40.32	ng		98
88) Benzo(k)fluoranthene	19.98	252	474769	42.35	ng		97
89) Benzo(a)pyrene	20.31	252	450459	42.00	ng		98
90) Dibenzo(a,h)anthracene	21.70	278	363979	41.10	ng		98
91) Benzo(g,h,i)perylene	22.08	276	381909	43.94	ng		98

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

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