Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093606.D
Acq On : 13 Mar 2017 14:46
Operator : SJ/MA
Sample : I2174-19MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D-64MSD

Manual Integrations APPROVED
mohammad
3/15/2017 5:37:41 PM

Quant Time: Mar 14 01:25:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	157978	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	650971	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	301081	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	506800	20.00	ng		0.00
75) Chrysene-d12	13.90	240	324463	20.00	ng		0.01
86) Perylene-d12	15.31	264	96746	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1334977	140.64	ng		0.00
7) Phenol-d6	6.38	99	1593394	133.12	ng		0.00
23) Nitrobenzene-d5	7.28	82	1099433	93.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	285749	145.67	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1627825	100.56	ng		0.00
78) Terphenyl-d14	12.84	244	1263154	101.22	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	215166	41.15	ng	#	70
3) Pyridine	3.03	79	245011m	18.38	ng		
4) n-Nitrosodimethylamine	2.93	42	287307	45.13	ng		81
6) Aniline	6.40	93	42415	2.58	ng	#	1
8) 2-Chlorophenol	6.50	128	461525	43.40	ng		97
9) Benzaldehyde	6.26	77	269347	34.97	ng		95
10) Phenol	6.39	94	596616	40.68	ng	#	70
11) bis(2-Chloroethyl)ether	6.45	93	500870	42.25	ng		90
12) 1,3-Dichlorobenzene	6.64	146	495090m	40.67	ng		
13) 1,4-Dichlorobenzene	6.72	146	528763	42.43	ng		98
14) 1,2-Dichlorobenzene	6.88	146	467053	42.32	ng		96
15) Benzyl Alcohol	6.88	79	260584	30.54	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	864338	43.89	ng		59
17) 2-Methylphenol	7.00	107	408566	45.42	ng	#	82
18) Hexachloroethane	7.21	117	180609	42.97	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	365037	44.36	ng		90
20) 3+4-Methylphenols	7.16	107	575460	49.33	ng	#	71
22) Acetophenone	7.13	105	691354	44.13	ng	#	98
24) Nitrobenzene	7.30	77	580560	44.03	ng		99
25) Isophorone	7.54	82	1022270	43.21	ng	#	93
26) 2-Nitrophenol	7.62	139	265369	44.11	ng		94
27) 2,4-Dimethylphenol	7.68	122	398431	40.71	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	633434	42.41	ng		99
29) 2,4-Dichlorophenol	7.89	162	399963	43.44	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	410978	41.97	ng		95
31) Naphthalene	8.02	128	1390621	42.63	ng		99
32) Benzoic acid	7.85	122	283545	55.75	ng		94
34) Hexachlorobutadiene	8.14	225	219120	43.45	ng		99
35) Caprolactam	8.47	113	99869m	31.76	ng		
36) 4-Chloro-3-methylphenol	8.60	107	433803	44.14	ng		97
37) 2-Methylnaphthalene	8.72	142	903958	43.55	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	377375	45.90	ng		99
40) Hexachlorocyclopentadiene	8.87	237	225654	104.43	ng		98
42) 2,4,6-Trichlorophenol	9.02	196	261330	50.88	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	256401	46.52	ng		96
45) 1,1'-Biphenyl	9.18	154	1000059	45.60	ng		95
46) 2-Chloronaphthalene	9.21	162	850014	50.63	ng		95
47) 2-Nitroaniline	9.33	65	194412	32.76	ng		93
48) Acenaphthylene	9.62	152	1253016	45.25	ng		98
49) Dimethylphthalate	9.50	163	1001391	50.17	ng		99
50) 2,6-Dinitrotoluene	9.57	165	228104	52.08	ng	#	83
51) Acenaphthene	9.80	154	794615	48.53	ng		97
52) 3-Nitroaniline	9.76	138	16769	3.19	ng	#	73
53) 2,4-Dinitrophenol	9.86	184	219222	109.91	ng	#	62
54) Dibenzofuran	9.97	168	1088531	53.12	ng		99
55) 4-Nitrophenol	9.96	139	177293m	69.37	ng		
56) 2,4-Dinitrotoluene	9.98	165	283155	52.62	ng		94
57) Fluorene	10.31	166	819162	47.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	213152	54.80	ng		98
59) Diethylphthalate	10.20	149	986318	51.70	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	368064	47.29	ng		97
61) 4-Nitroaniline	10.36	138	71081	13.21	ng		85
62) Azobenzene	10.46	77	1054934	48.67	ng		92
64) 4,6-Dinitro-2-methylphenol	10.39	198	150126	45.72	ng	#	42
65) n-Nitrosodiphenylamine	10.42	169	213407	12.61	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	220734	41.19	ng		96
67) Hexachlorobenzene	10.86	284	214954	42.00	ng	#	78
68) Atrazine	10.96	200	13718	2.77	ng		93
69) Pentachlorophenol	11.08	266	171390	97.00	ng		97
70) Phenanthrene	11.27	178	1174574	40.60	ng		99
71) Anthracene	11.33	178	1269241	43.37	ng		99
72) Carbazole	11.50	167	314077	11.43	ng		96
73) Di-n-butylphthalate	11.82	149	1464639	46.05	ng	#	97
74) Fluoranthene	12.46	202	1142735	40.90	ng		95
77) Pyrene	12.69	202	1111760	47.11	ng		100
79) Butylbenzylphthalate	13.30	149	516839	52.03	ng		90
80) Benzo(a)anthracene	13.89	228	807951m	42.17	ng		
82) Chrysene	13.92	228	716538	40.42	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	681767	49.24	ng		99
84) Di-n-octyl phthalate	14.48	149	1090215	47.24	ng		96
85) Indeno(1,2,3-cd)pyrene	16.67	276	572403	38.57	ng	#	92
87) Benzo(b)fluoranthene	14.91	252	847183m	143.78	ng		
88) Benzo(k)fluoranthene	14.94	252	445530m	78.41	ng		
89) Benzo(a)pyrene	15.25	252	509771	94.67	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	603718	135.52	ng		98
91) Benzo(g,h,i)perylene	17.07	276	476225	104.15	ng	#	88

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

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