Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096132.D
Acq On : 22 Jun 2017 20:37
Operator : SJ/MA
Sample : I3844-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-008MSD

Manual Integrations APPROVED
mohammad
6/26/2017 8:28:05 AM

Quant Time: Jun 23 01:48:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	97774	20.00	ng		-0.02
21) Naphthalene-d8	9.31	136	397502	20.00	ng		-0.02
38) Acenaphthene-d10	12.13	164	161188	20.00	ng		-0.02
63) Phenanthrene-d10	14.53	188	226680	20.00	ng		-0.01
75) Chrysene-d12	18.27	240	172166	20.00	ng		0.00
86) Perylene-d12	19.94	264	158767	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	756046	123.22	ng		-0.01
7) Phenol-d6	6.86	99	882805	120.18	ng		-0.01
23) Nitrobenzene-d5	8.21	82	525341	82.08	ng		-0.01
41) 2,4,6-Tribromophenol	13.44	330	140338	98.40	ng		-0.01
44) 2-Fluorobiphenyl	11.09	172	902102	77.88	ng		-0.02
78) Terphenyl-d14	16.92	244	515245	74.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	97838	33.52	ng		94
3) Pyridine	2.18	79	220172	32.09	ng		97
4) n-Nitrosodimethylamine	2.14	42	101721	39.00	ng		84
6) Aniline	6.78	93	291710	30.35	ng		94
8) 2-Chlorophenol	6.97	128	273600	41.94	ng		98
9) Benzaldehyde	6.59	77	153518	30.98	ng		95
10) Phenol	6.88	94	342156	44.90	ng		90
11) bis(2-Chloroethyl)ether	6.93	93	247007	40.92	ng		96
12) 1,3-Dichlorobenzene	7.17	146	291924	39.53	ng		96
13) 1,4-Dichlorobenzene	7.30	146	290996	38.86	ng		97
14) 1,2-Dichlorobenzene	7.53	146	273164	39.57	ng		97
15) Benzyl Alcohol	7.59	79	218568	43.35	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.79	45	370177	43.65	ng		97
17) 2-Methylphenol	7.84	107	224385	40.98	ng		94
18) Hexachloroethane	8.05	117	90002	36.39	ng	#	83
19) n-Nitroso-di-n-propylamine	8.02	70	194265	41.73	ng		95
20) 3+4-Methylphenols	8.10	107	296156	42.61	ng	#	56
22) Acetophenone	7.97	105	385830	41.47	ng	#	85
24) Nitrobenzene	8.23	77	280147	40.97	ng		95
25) Isophorone	8.63	82	497260	41.61	ng		97
26) 2-Nitrophenol	8.75	139	140908	39.36	ng		99
27) 2,4-Dimethylphenol	8.90	122	249646	44.93	ng		97
28) bis(2-Chloroethoxy)methane	9.02	93	329553	41.83	ng		99
29) 2,4-Dichlorophenol	9.19	162	220500	41.21	ng		97
30) 1,2,4-Trichlorobenzene	9.25	180	214999	38.61	ng		99
31) Naphthalene	9.35	128	769331	38.56	ng		100
32) Benzoic acid	9.27	122	60616	20.71	ng		96
33) 4-Chloroaniline	9.52	127	159821m	20.50	ng		
34) Hexachlorobutadiene	9.56	225	109543	38.08	ng		98
35) Caprolactam	10.14	113	67990m	42.70	ng		
36) 4-Chloro-3-methylphenol	10.40	107	225792	40.31	ng		89
37) 2-Methylnaphthalene	10.47	142	529106	39.25	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	200587	41.58	ng		99
40) Hexachlorocyclopentadiene	10.72	237	13210	18.75	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.00	196	135637	43.73	ng		98
43) 2,4,5-Trichlorophenol	11.10	196	124718	37.80	ng		94
45) 1,1'-Biphenyl	11.25	154	544786	41.01	ng		98
46) 2-Chloronaphthalene	11.26	162	413836	39.87	ng		95
47) 2-Nitroaniline	11.49	65	136523	44.95	ng	#	82
48) Acenaphthylene	11.90	152	626596	35.30	ng		98
49) Dimethylphthalate	11.81	163	712738	58.24	ng		99
50) 2,6-Dinitrotoluene	11.90	165	99679	37.34	ng	#	68
51) Acenaphthene	12.19	154	386334	37.69	ng		97
52) 3-Nitroaniline	12.17	138	103057	33.14	ng		96
53) 2,4-Dinitrophenol	12.44	184	15745m	16.05	ng		
54) Dibenzofuran	12.47	168	600637	41.63	ng		99
55) 4-Nitrophenol	12.62	139	107314	60.31	ng	#	72
56) 2,4-Dinitrotoluene	12.58	165	140862	39.07	ng	#	88
57) Fluorene	13.03	166	470780	37.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.74	232	92261	40.87	ng	#	90
59) Diethylphthalate	12.94	149	504273	42.81	ng		99
60) 4-Chlorophenyl-phenylether	13.06	204	213660	39.13	ng		91
61) 4-Nitroaniline	13.17	138	110965	38.21	ng		96
62) Azobenzene	13.32	77	453665	42.50	ng		94
64) 4,6-Dinitro-2-methylphenol	13.28	198	14931	10.02	ng	#	1
65) n-Nitrosodiphenylamine	13.27	169	401284	49.27	ng		98
66) 4-Bromophenyl-phenylether	13.84	248	113655	48.24	ng		99
67) Hexachlorobenzene	13.93	284	109127	47.01	ng	#	92
68) Atrazine	14.20	200	113858	50.23	ng		97
69) Pentachlorophenol	14.30	266	44546	53.03	ng		94
70) Phenanthrene	14.57	178	515220	39.39	ng		99
71) Anthracene	14.65	178	535241	39.20	ng		98
72) Carbazole	14.96	167	484263	36.39	ng		98
73) Di-n-butylphthalate	15.55	149	643487	45.45	ng		98
74) Fluoranthene	16.36	202	470116	36.32	ng		98
76) Benzidine	16.60	184	291798	44.13	ng	#	90
77) Pyrene	16.66	202	465183	36.21	ng		99
79) Butylbenzylphthalate	17.59	149	250292	44.61	ng	#	86
80) Benzo(a)anthracene	18.26	228	402799	40.24	ng		99
81) 3,3'-Dichlorobenzidine	18.24	252	144647	40.64	ng	#	97
82) Chrysene	18.30	228	397660	39.75	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	346605	43.80	ng	#	99
84) Di-n-octyl phthalate	19.11	149	588503	45.13	ng		97
85) Indeno(1,2,3-cd)pyrene	21.10	276	334889	39.13	ng		99
87) Benzo(b)fluoranthene	19.53	252	376579	37.88	ng		97
88) Benzo(k)fluoranthene	19.56	252	344442	36.25	ng		96
89) Benzo(a)pyrene	19.89	252	364054	39.84	ng		98
90) Dibenzo(a,h)anthracene	21.10	278	287293	37.07	ng		97
91) Benzo(g,h,i)perylene	21.43	276	244943	31.00	ng		98

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

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