Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096009.D
Acq On : 19 Jun 2017 16:45
Operator : SJ/MA
Sample : I3715-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Manual Integrations APPROVED
mohammad
6/20/2017 4:28:54 PM

Quant Time: Jun 20 01:47:56 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	7.30	152	68992	20.00	ng		-0.02
21) Naphthalene-d8	9.33	136	286140	20.00	ng		-0.02
38) Acenaphthene-d10	12.16	164	123556	20.00	ng		-0.02
63) Phenanthrene-d10	14.55	188	202898	20.00	ng		-0.02
75) Chrysene-d12	18.27	240	120142	20.00	ng		-0.02
86) Perylene-d12	19.95	264	117849	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	736159	170.02	ng		-0.01
7) Phenol-d6	6.89	99	852525	164.47	ng		-0.02
23) Nitrobenzene-d5	8.24	82	516978	112.21	ng		-0.01
41) 2,4,6-Tribromophenol	13.46	330	161684	147.90	ng		-0.02
44) 2-Fluorobiphenyl	11.12	172	960572	108.19	ng		-0.02
78) Terphenyl-d14	16.93	244	656667	135.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	85600	41.56	ng		96
3) Pyridine	2.22	79	216277m	44.68	ng		
4) n-Nitrosodimethylamine	2.20	42	98941	53.76	ng		82
6) Aniline	6.81	93	231886	34.20	ng		96
8) 2-Chlorophenol	6.99	128	267124	58.02	ng		95
9) Benzaldehyde	6.62	77	75460	21.58	ng		93
10) Phenol	6.90	94	334552	62.22	ng		90
11) bis(2-Chloroethyl)ether	6.96	93	233284	54.77	ng		95
12) 1,3-Dichlorobenzene	7.20	146	274980	52.77	ng		98
13) 1,4-Dichlorobenzene	7.33	146	278743	52.75	ng		96
14) 1,2-Dichlorobenzene	7.56	146	264057	54.20	ng		96
15) Benzyl Alcohol	7.62	79	211836	59.54	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.80	45	339476	56.72	ng		98
17) 2-Methylphenol	7.85	107	222787	57.67	ng		94
18) Hexachloroethane	8.08	117	95375	54.65	ng	#	87
19) n-Nitroso-di-n-propylamine	8.05	70	187507	57.08	ng		93
20) 3+4-Methylphenols	8.12	107	284778	58.07	ng	#	59
22) Acetophenone	8.00	105	369819	55.22	ng	#	84
24) Nitrobenzene	8.26	77	264501	53.74	ng		92
25) Isophorone	8.66	82	470691	54.71	ng		95
26) 2-Nitrophenol	8.77	139	148098	57.46	ng		98
27) 2,4-Dimethylphenol	8.93	122	210426	52.61	ng		98
28) bis(2-Chloroethoxy)methane	9.05	93	311178	54.87	ng		99
29) 2,4-Dichlorophenol	9.20	162	217685	56.51	ng		99
30) 1,2,4-Trichlorobenzene	9.27	180	216725	54.07	ng		99
31) Naphthalene	9.37	128	750621	52.27	ng		100
32) Benzoic acid	9.25	122	20522	12.45	ng		91
33) 4-Chloroaniline	9.54	127	113061	20.14	ng	#	91
34) Hexachlorobutadiene	9.59	225	112145	54.15	ng		99
35) Caprolactam	10.17	113	63027m	54.99	ng		
36) 4-Chloro-3-methylphenol	10.42	107	220984	54.80	ng		94
37) 2-Methylnaphthalene	10.50	142	511915	52.76	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.78	216	200976	54.35	ng		99
40) Hexachlorocyclopentadiene	10.75	237	66609	60.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	132059	55.55	ng		98
43) 2,4,5-Trichlorophenol	11.11	196	123125	48.69	ng		91
45) 1,1'-Biphenyl	11.27	154	552082	54.21	ng		98
46) 2-Chloronaphthalene	11.28	162	426716	53.63	ng		95
47) 2-Nitroaniline	11.51	65	125669	53.97	ng	#	83
48) Acenaphthylene	11.93	152	649602	47.75	ng		98
49) Dimethylphthalate	11.83	163	623414	66.45	ng		98
50) 2,6-Dinitrotoluene	11.93	165	102090	49.89	ng	#	66
51) Acenaphthene	12.22	154	396758	50.49	ng		99
52) 3-Nitroaniline	12.19	138	76692	32.17	ng		93
53) 2,4-Dinitrophenol	12.43	184	55406m	50.43	ng		
54) Dibenzofuran	12.50	168	599694	54.22	ng		98
55) 4-Nitrophenol	12.62	139	116699	83.62	ng	#	78
56) 2,4-Dinitrotoluene	12.60	165	147255	53.28	ng	#	89
57) Fluorene	13.06	166	471306	48.97	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.76	232	95065	54.94	ng	#	90
59) Diethylphthalate	12.97	149	481409	53.32	ng		99
60) 4-Chlorophenyl-phenylether	13.08	204	213123	50.92	ng		92
61) 4-Nitroaniline	13.20	138	102132	45.88	ng		97
62) Azobenzene	13.34	77	443495	54.20	ng		95
64) 4,6-Dinitro-2-methylphenol	13.27	198	53729	40.29	ng	#	76
65) n-Nitrosodiphenylamine	13.30	169	403263	55.31	ng		99
66) 4-Bromophenyl-phenylether	13.86	248	118695	56.29	ng		98
67) Hexachlorobenzene	13.94	284	114617	55.16	ng	#	88
68) Atrazine	14.23	200	121766	60.01	ng		97
69) Pentachlorophenol	14.32	266	63149	80.14	ng		96
70) Phenanthrene	14.59	178	622135	53.14	ng		98
71) Anthracene	14.67	178	641286	52.47	ng		98
72) Carbazole	14.98	167	581767	48.84	ng		97
73) Di-n-butylphthalate	15.57	149	735862	58.07	ng		98
74) Fluoranthene	16.37	202	558573	48.21	ng		99
76) Benzidine	16.61	184	138804	30.08	ng	#	94
77) Pyrene	16.67	202	551669	61.54	ng		99
79) Butylbenzylphthalate	17.60	149	254346	64.97	ng	#	85
80) Benzo(a)anthracene	18.26	228	376694	53.93	ng		98
81) 3,3'-Dichlorobenzidine	18.25	252	107643	43.34	ng	#	96
82) Chrysene	18.31	228	370201	53.03	ng		97
83) Bis(2-ethylhexyl)phthalate	18.35	149	345910	62.64	ng	#	100
84) Di-n-octyl phthalate	19.12	149	523796	57.56	ng		96
85) Indeno(1,2,3-cd)pyrene	21.10	276	394560	66.06	ng		99
87) Benzo(b)fluoranthene	19.54	252	388082	52.59	ng		97
88) Benzo(k)fluoranthene	19.57	252	342570m	48.57	ng		
89) Benzo(a)pyrene	19.89	252	364217	53.70	ng		99
90) Dibenzo(a,h)anthracene	21.10	278	334776	58.19	ng		99
91) Benzo(g,h,i)perylene	21.43	276	336266	57.33	ng		96

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

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