Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095959.D
Acq On : 16 Jun 2017 17:04
Operator : SJ/MA
Sample : I3693-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/19/2017 3:46:57 PM

Quant Time: Jun 16 23:55:53 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	58122	20.00	ng		0.00
21) Naphthalene-d8	9.35	136	241128	20.00	ng		0.00
38) Acenaphthene-d10	12.17	164	107643	20.00	ng		0.00
63) Phenanthrene-d10	14.57	188	177398	20.00	ng		0.00
75) Chrysene-d12	18.29	240	114428	20.00	ng		0.00
86) Perylene-d12	19.96	264	117848	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	479002	131.32	ng		0.04
7) Phenol-d6	6.90	99	517829	118.58	ng		0.00
23) Nitrobenzene-d5	8.25	82	358663	92.38	ng		0.00
41) 2,4,6-Tribromophenol	13.47	330	126174	132.48	ng		0.00
44) 2-Fluorobiphenyl	11.13	172	709718	91.75	ng		0.00
78) Terphenyl-d14	16.94	244	479313	103.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.79	88	58711	33.84	ng		92
3) Pyridine	2.38	79	63223m	15.50	ng		
4) n-Nitrosodimethylamine	2.27	42	60048	38.73	ng		87
6) Aniline	6.84	93	51964	9.10	ng		94
8) 2-Chlorophenol	7.02	128	184844	47.66	ng		96
9) Benzaldehyde	6.65	77	47434	16.10	ng		90
10) Phenol	6.92	94	197743	43.65	ng		93
11) bis(2-Chloroethyl)ether	6.97	93	159236	44.37	ng		96
12) 1,3-Dichlorobenzene	7.22	146	192824	43.93	ng		97
13) 1,4-Dichlorobenzene	7.35	146	196576	44.16	ng		95
14) 1,2-Dichlorobenzene	7.58	146	188778	46.00	ng		94
15) Benzyl Alcohol	7.63	79	141822	47.32	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.82	45	229636	45.55	ng		98
17) 2-Methylphenol	7.87	107	151540	46.56	ng		95
18) Hexachloroethane	8.09	117	66349	45.13	ng	#	83
19) n-Nitroso-di-n-propylamine	8.06	70	130838	47.28	ng		94
20) 3+4-Methylphenols	8.14	107	195199	47.25	ng	#	57
22) Acetophenone	8.02	105	260984	46.24	ng	#	82
24) Nitrobenzene	8.27	77	184987	44.60	ng		94
25) Isophorone	8.67	82	327264	45.14	ng		97
26) 2-Nitrophenol	8.78	139	101433	46.70	ng		96
27) 2,4-Dimethylphenol	8.95	122	161188	47.82	ng		98
28) bis(2-Chloroethoxy)methane	9.05	93	216354	45.27	ng		99
29) 2,4-Dichlorophenol	9.23	162	157296	48.46	ng		98
30) 1,2,4-Trichlorobenzene	9.29	180	151972	44.99	ng		97
31) Naphthalene	9.39	128	548776	45.35	ng		99
32) Benzoic acid	9.33	122	86396	41.76	ng		94
33) 4-Chloroaniline	9.57	127	50731	10.73	ng	#	89
34) Hexachlorobutadiene	9.60	225	77610	44.47	ng		97
35) Caprolactam	10.18	113	35845m	37.11	ng		
36) 4-Chloro-3-methylphenol	10.43	107	162188	47.73	ng		93
37) 2-Methylnaphthalene	10.52	142	378952	46.35	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	145235	45.08	ng		99
40) Hexachlorocyclopentadiene	10.76	237	35935	41.83	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	100035	48.30	ng		99
43) 2,4,5-Trichlorophenol	11.13	196	98397	44.66	ng		95
45) 1,1'-Biphenyl	11.28	154	414979	46.77	ng		97
46) 2-Chloronaphthalene	11.29	162	319596	46.11	ng		94
47) 2-Nitroaniline	11.52	65	94120	46.40	ng	#	82
48) Acenaphthylene	11.94	152	502916	42.43	ng		97
49) Dimethylphthalate	11.84	163	388726	47.56	ng		99
50) 2,6-Dinitrotoluene	11.94	165	81252	45.58	ng	#	75
51) Acenaphthene	12.23	154	300651	43.92	ng		99
52) 3-Nitroaniline	12.21	138	48745	23.47	ng		86
53) 2,4-Dinitrophenol	12.43	184	62621	63.49	ng	#	66
54) Dibenzofuran	12.52	168	464609	48.22	ng		97
55) 4-Nitrophenol	12.64	139	81852	68.22	ng	#	78
56) 2,4-Dinitrotoluene	12.61	165	116008	48.18	ng		94
57) Fluorene	13.07	166	368955	44.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.77	232	77717	51.56	ng	#	94
59) Diethylphthalate	12.99	149	373659	47.51	ng		99
60) 4-Chlorophenyl-phenylether	13.10	204	164178	45.03	ng		90
61) 4-Nitroaniline	13.21	138	76789	39.60	ng		94
62) Azobenzene	13.36	77	338123	47.43	ng		93
64) 4,6-Dinitro-2-methylphenol	13.29	198	48242	41.37	ng		77
65) n-Nitrosodiphenylamine	13.31	169	316383	49.63	ng		98
66) 4-Bromophenyl-phenylether	13.87	248	92409	50.12	ng		98
67) Hexachlorobenzene	13.96	284	86644	47.69	ng	#	89
68) Atrazine	14.24	200	92167	51.95	ng		95
69) Pentachlorophenol	14.33	266	55203	80.13	ng		93
70) Phenanthrene	14.60	178	486303	47.51	ng		98
71) Anthracene	14.69	178	493077	46.14	ng		98
72) Carbazole	14.99	167	442274	42.47	ng		97
73) Di-n-butylphthalate	15.59	149	570622	51.50	ng		98
74) Fluoranthene	16.39	202	424543	41.91	ng		98
76) Benzidine	16.64	184	18996	4.32	ng	#	91
77) Pyrene	16.69	202	410368	48.06	ng		98
79) Butylbenzylphthalate	17.62	149	184125	49.38	ng		89
80) Benzo(a)anthracene	18.28	228	313567	47.13	ng		97
81) 3,3'-Dichlorobenzidine	18.26	252	84221	35.61	ng	#	95
82) Chrysene	18.32	228	310774	46.74	ng		99
83) Bis(2-ethylhexyl)phthalate	18.36	149	241488	45.91	ng	#	100
84) Di-n-octyl phthalate	19.13	149	396879	45.79	ng		95
85) Indeno(1,2,3-cd)pyrene	21.12	276	312909	55.01	ng		100
87) Benzo(b)fluoranthene	19.55	252	336987	45.67	ng		98
88) Benzo(k)fluoranthene	19.58	252	305896m	43.37	ng		
89) Benzo(a)pyrene	19.90	252	317686	46.84	ng		99
90) Dibenzo(a,h)anthracene	21.11	278	267539	46.50	ng		98
91) Benzo(g,h,i)perylene	21.44	276	255638	43.58	ng		97

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

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