Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
Data File : BF093714.D
Acq On : 16 Mar 2017 18:57
Operator : SJ/MA
Sample : I2261-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Manual Integrations APPROVED
mohammad
3/17/2017 2:29:45 PM

Quant Time: Mar 17 03:31:40 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	6.69	152	178853m	20.00	ng		-0.03
21) Naphthalene-d8	7.99	136	726604	20.00	ng		-0.02
38) Acenaphthene-d10	9.74	164	338411	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	587693	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	409786	20.00	ng		-0.02
86) Perylene-d12	15.26	264	313150	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1422113	132.34	ng		-0.02
7) Phenol-d6	6.37	99	1762656	130.07	ng		-0.01
23) Nitrobenzene-d5	7.27	82	1126191	86.00	ng		-0.03
41) 2,4,6-Tribromophenol	10.54	330	296962	134.69	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1577452	86.70	ng		-0.02
78) Terphenyl-d14	12.80	244	1254559	79.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	239224	40.42	ng	#	84
3) Pyridine	2.92	79	467539	30.98	ng		88
4) n-Nitrosodimethylamine	2.87	42	341872	47.43	ng		78
6) Aniline	6.37	93	328865m	17.68	ng		
8) 2-Chlorophenol	6.48	128	516046	42.86	ng		85
9) Benzaldehyde	6.25	77	323722	38.43	ng		96
10) Phenol	6.38	94	879725	52.98	ng		78
11) bis(2-Chloroethyl)ether	6.44	93	551795	41.11	ng		91
12) 1,3-Dichlorobenzene	6.63	146	564147m	40.93	ng		
13) 1,4-Dichlorobenzene	6.71	146	581453m	41.21	ng		
14) 1,2-Dichlorobenzene	6.86	146	506414	40.53	ng		98
15) Benzyl Alcohol	6.86	79	419592	43.44	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	926373	41.55	ng		62
17) 2-Methylphenol	7.00	107	452214	44.40	ng		99
18) Hexachloroethane	7.20	117	204426	42.96	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	401309	43.07	ng		90
20) 3+4-Methylphenols	7.16	107	630480	47.74	ng	#	72
22) Acetophenone	7.12	105	737427	42.17	ng	#	97
24) Nitrobenzene	7.29	77	591555	40.19	ng		97
25) Isophorone	7.53	82	1073687	40.66	ng		94
26) 2-Nitrophenol	7.61	139	286062	42.60	ng		97
27) 2,4-Dimethylphenol	7.67	122	455641	41.71	ng		96
28) bis(2-Chloroethoxy)methane	7.75	93	707564	42.44	ng		99
29) 2,4-Dichlorophenol	7.88	162	448052	43.60	ng		93
30) 1,2,4-Trichlorobenzene	7.93	180	456779	41.80	ng		96
31) Naphthalene	8.01	128	1454301	39.94	ng		99
32) Benzoic acid	7.81	122	23872	4.21	ng		93
33) 4-Chloroaniline	8.10	127	107022	7.24	ng		98
34) Hexachlorobutadiene	8.12	225	225401	40.04	ng		99
35) Caprolactam	8.46	113	138778m	39.54	ng		
36) 4-Chloro-3-methylphenol	8.58	107	466135	42.50	ng		91
37) 2-Methylnaphthalene	8.70	142	938740	40.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	411155	44.49	ng		99
40) Hexachlorocyclopentadiene	8.85	237	186477	79.98	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	284197	49.22	ng		91
43) 2,4,5-Trichlorophenol	9.05	196	252315	40.73	ng		93
45) 1,1'-Biphenyl	9.17	154	1091833	44.29	ng		97
46) 2-Chloronaphthalene	9.19	162	888107	47.06	ng		95
47) 2-Nitroaniline	9.32	65	336200	50.40	ng	#	81
48) Acenaphthylene	9.60	152	1338482	43.01	ng		99
49) Dimethylphthalate	9.48	163	1156563	51.55	ng		99
50) 2,6-Dinitrotoluene	9.56	165	236956	48.13	ng	#	87
51) Acenaphthene	9.77	154	775349	42.13	ng		94
52) 3-Nitroaniline	9.73	138	124238	21.01	ng		97
53) 2,4-Dinitrophenol	9.86	184	83526	37.26	ng	#	69
54) Dibenzofuran	9.94	168	1149836	49.92	ng		94
55) 4-Nitrophenol	9.93	139	162126m	56.44	ng		
56) 2,4-Dinitrotoluene	9.97	165	306679	50.71	ng	#	85
57) Fluorene	10.29	166	844374	43.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	226143	51.73	ng		96
59) Diethylphthalate	10.17	149	987756	46.07	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	388744	44.43	ng		99
61) 4-Nitroaniline	10.34	138	230387	38.09	ng		97
62) Azobenzene	10.44	77	1265319	51.93	ng		92
64) 4,6-Dinitro-2-methylphenol	10.38	198	134849	35.42	ng	#	72
65) n-Nitrosodiphenylamine	10.40	169	798130	40.67	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	246071	39.60	ng		98
67) Hexachlorobenzene	10.84	284	233252	39.31	ng	#	81
68) Atrazine	10.94	200	224284	39.05	ng		98
69) Pentachlorophenol	11.05	266	127190	62.08	ng		97
70) Phenanthrene	11.25	178	1272385	37.93	ng		99
71) Anthracene	11.31	178	1438942	42.41	ng		98
72) Carbazole	11.47	167	1192099	37.40	ng		99
73) Di-n-butylphthalate	11.79	149	1449342	39.30	ng	#	97
74) Fluoranthene	12.44	202	1277102	39.41	ng		95
76) Benzidine	12.57	184	325836	24.18	ng		97
77) Pyrene	12.67	202	1299038	43.59	ng		99
79) Butylbenzylphthalate	13.27	149	569004	45.35	ng		98
80) Benzo(a)anthracene	13.85	228	1006959	41.61	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	221714	26.16	ng		97
82) Chrysene	13.89	228	948506	42.36	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	818850	46.83	ng	#	96
84) Di-n-octyl phthalate	14.44	149	1230766	42.23	ng		99
85) Indeno(1,2,3-cd)pyrene	16.60	276	729986	38.95	ng		94
87) Benzo(b)fluoranthene	14.87	252	934398m	48.99	ng		
88) Benzo(k)fluoranthene	14.89	252	639916m	34.79	ng		
89) Benzo(a)pyrene	15.20	252	727699	41.75	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	614183	42.59	ng		96
91) Benzo(g,h,i)perylene	17.00	276	632714	42.75	ng	#	94

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

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