Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031617\

Quantitation Report (QT Reviewed)

Data File : BF093715.D
Acq On : 16 Mar 2017 19:24
Operator : SJ/MA
Sample : I2261-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRAP-ROCK-FINESMSD

Manual Integrations APPROVED
mohammad
3/17/2017 2:29:49 PM

Quant Time: Mar 17 07:37:53 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	6.70	152	178095	20.00	ng		-0.02
21) Naphthalene-d8	7.99	136	739454	20.00	ng		-0.02
38) Acenaphthene-d10	9.74	164	341571	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	607127	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	429960	20.00	ng		-0.02
86) Perylene-d12	15.26	264	345214	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1467214	137.11	ng		-0.02
7) Phenol-d6	6.37	99	1791356	132.75	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1236910	92.81	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	322328	144.84	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1579319	86.00	ng		-0.02
78) Terphenyl-d14	12.80	244	1386724	83.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	237477	40.29	ng	#	84
3) Pyridine	2.90	79	497537	33.11	ng		86
4) n-Nitrosodimethylamine	2.86	42	352916	49.17	ng	#	75
6) Aniline	6.37	93	481237	25.99	ng	#	85
8) 2-Chlorophenol	6.49	128	536853	44.78	ng		96
9) Benzaldehyde	6.25	77	330052	39.97	ng		97
10) Phenol	6.38	94	942465	57.00	ng		83
11) bis(2-Chloroethyl)ether	6.44	93	659714	49.36	ng		90
12) 1,3-Dichlorobenzene	6.63	146	582817	42.47	ng	#	93
13) 1,4-Dichlorobenzene	6.71	146	598644	42.61	ng		98
14) 1,2-Dichlorobenzene	6.86	146	529336	42.54	ng		96
15) Benzyl Alcohol	6.86	79	454205	47.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	993317	44.74	ng		65
17) 2-Methylphenol	7.00	107	483913	47.72	ng		99
18) Hexachloroethane	7.20	117	215404	45.46	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	442750	47.72	ng		95
20) 3+4-Methylphenols	7.16	107	679011	51.63	ng	#	73
22) Acetophenone	7.12	105	769945	43.27	ng	#	98
24) Nitrobenzene	7.29	77	656433	43.83	ng		99
25) Isophorone	7.53	82	1160911	43.20	ng		94
26) 2-Nitrophenol	7.61	139	308650	45.17	ng		95
27) 2,4-Dimethylphenol	7.67	122	468561	42.15	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	760916	44.85	ng		99
29) 2,4-Dichlorophenol	7.88	162	463024	44.27	ng		91
30) 1,2,4-Trichlorobenzene	7.93	180	480365	43.19	ng		96
31) Naphthalene	8.01	128	1526039	41.18	ng		99
32) Benzoic acid	7.83	122	8369m	1.45	ng		
33) 4-Chloroaniline	8.09	127	231055	15.37	ng	#	93
34) Hexachlorobutadiene	8.12	225	239712	41.84	ng		100
35) Caprolactam	8.46	113	120258m	33.67	ng		
36) 4-Chloro-3-methylphenol	8.58	107	497896	44.60	ng		98
37) 2-Methylnaphthalene	8.70	142	974991	41.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	442498	47.44	ng		98
40) Hexachlorocyclopentadiene	8.85	237	210338	87.96	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	296205	50.83	ng		92
43) 2,4,5-Trichlorophenol	9.05	196	269763	43.14	ng		92
45) 1,1'-Biphenyl	9.17	154	1221601	49.09	ng		98
46) 2-Chloronaphthalene	9.19	162	948192	49.78	ng		96
47) 2-Nitroaniline	9.30	65	351573	52.22	ng	#	85
48) Acenaphthylene	9.60	152	1442900	45.93	ng		99
49) Dimethylphthalate	9.48	163	1267041	55.95	ng		99
50) 2,6-Dinitrotoluene	9.54	165	220474	44.37	ng	#	31
51) Acenaphthene	9.77	154	853309	45.94	ng		96
52) 3-Nitroaniline	9.73	138	149506	25.04	ng		89
53) 2,4-Dinitrophenol	9.86	184	28723	12.69	ng	#	59
54) Dibenzofuran	9.94	168	1224776	52.68	ng		98
55) 4-Nitrophenol	9.93	139	253546m	87.45	ng		
56) 2,4-Dinitrotoluene	9.97	165	321877	52.73	ng	#	79
57) Fluorene	10.29	166	924538	46.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	234967	53.25	ng		97
59) Diethylphthalate	10.17	149	1110463	51.31	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	416498	47.17	ng		94
61) 4-Nitroaniline	10.34	138	263421	43.15	ng		97
62) Azobenzene	10.44	77	1293842	52.61	ng		94
64) 4,6-Dinitro-2-methylphenol	10.38	198	136202	34.63	ng	#	74
65) n-Nitrosodiphenylamine	10.40	169	815189	40.21	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	267013	41.59	ng		93
67) Hexachlorobenzene	10.84	284	246033	40.13	ng	#	83
68) Atrazine	10.94	200	253797	42.77	ng		99
69) Pentachlorophenol	11.05	266	136103	64.30	ng		96
70) Phenanthrene	11.25	178	1403894	40.51	ng		99
71) Anthracene	11.30	178	1463145	41.74	ng		98
72) Carbazole	11.46	167	1260606	38.28	ng		99
73) Di-n-butylphthalate	11.78	149	1567028	41.13	ng	#	97
74) Fluoranthene	12.44	202	1367344	40.85	ng		94
76) Benzidine	12.56	184	460914	32.60	ng		97
77) Pyrene	12.67	202	1383684	44.25	ng		98
79) Butylbenzylphthalate	13.27	149	609599	46.31	ng		97
80) Benzo(a)anthracene	13.85	228	1080768	42.56	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	283273	31.85	ng		98
82) Chrysene	13.89	228	1044124	44.45	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	909015	49.54	ng	#	98
84) Di-n-octyl phthalate	14.44	149	1386479	45.34	ng		99
85) Indeno(1,2,3-cd)pyrene	16.60	276	798705	40.62	ng	#	94
87) Benzo(b)fluoranthene	14.87	252	1024522m	48.73	ng		
88) Benzo(k)fluoranthene	14.89	252	731794m	36.09	ng		
89) Benzo(a)pyrene	15.20	252	811543	42.24	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	670717	42.19	ng		95
91) Benzo(g,h,i)perylene	17.00	276	685023	41.99	ng	#	94

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

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