Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092649.D
Acq On : 30 Jan 2017 22:27
Operator : SJ/MA
Sample : I1569-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELT-GW-01MSD

Manual Integrations APPROVED
mohammad
1/31/2017 4:45:53 PM

Quant Time: Jan 31 01:29:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	156589	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	640792	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	373846	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	611470	20.00	ng		0.00
75) Chrysene-d12	14.13	240	406006	20.00	ng		-0.01
86) Perylene-d12	15.61	264	335105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	578747	63.41	ng		0.00
7) Phenol-d6	6.60	99	554468	47.21	ng		0.00
23) Nitrobenzene-d5	7.53	82	1051090	91.34	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	146052	54.02	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1927138	93.39	ng		0.00
78) Terphenyl-d14	13.08	244	1460593	84.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	117335	23.79	ng	#	85
3) Pyridine	3.42	79	298475	23.80	ng		89
4) n-Nitrosodimethylamine	3.36	42	155572	26.42	ng		82
6) Aniline	6.62	93	531465	33.18	ng	#	43
8) 2-Chlorophenol	6.75	128	395099	39.24	ng		96
9) Benzaldehyde	6.50	77	201733	23.98	ng		87
10) Phenol	6.61	94	272872	19.86	ng		94
11) bis(2-Chloroethyl)ether	6.69	93	471634	43.00	ng		92
12) 1,3-Dichlorobenzene	6.90	146	503560	42.70	ng	#	93
13) 1,4-Dichlorobenzene	6.98	146	524750	43.96	ng		95
14) 1,2-Dichlorobenzene	7.14	146	466629m	40.88	ng		
15) Benzyl Alcohol	7.10	79	298886	34.38	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	841340	44.16	ng		94
17) 2-Methylphenol	7.23	107	299013	34.61	ng		96
18) Hexachloroethane	7.48	117	173957	42.69	ng	#	85
19) n-Nitroso-di-n-propylamine	7.38	70	352066	47.09	ng		96
20) 3+4-Methylphenols	7.38	107	297769	28.83	ng	#	70
22) Acetophenone	7.38	105	708688	48.44	ng	#	97
24) Nitrobenzene	7.55	77	548528	46.42	ng		95
25) Isophorone	7.79	82	1053342	49.12	ng		98
26) 2-Nitrophenol	7.87	139	218318	38.87	ng	#	83
27) 2,4-Dimethylphenol	7.90	122	413368	41.91	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	627558	44.19	ng		99
29) 2,4-Dichlorophenol	8.11	162	377335	41.02	ng		89
30) 1,2,4-Trichlorobenzene	8.19	180	436046	43.98	ng		94
31) Naphthalene	8.27	128	1378534	42.44	ng		99
32) Benzoic acid	7.90	122	413368	70.09	ng	#	13
33) 4-Chloroaniline	8.33	127	581422	45.64	ng		99
34) Hexachlorobutadiene	8.38	225	231957	42.53	ng		98
35) Caprolactam	8.68	113	27307	9.44	ng	#	65
36) 4-Chloro-3-methylphenol	8.81	107	399746	41.68	ng		98
37) 2-Methylnaphthalene	8.97	142	973679	46.68	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	449698	42.85	ng		99
40) Hexachlorocyclopentadiene	9.12	237	360016	76.04	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	108419	15.72	ng		91
43) 2,4,5-Trichlorophenol	9.29	196	210526	27.86	ng		95
45) 1,1'-Biphenyl	9.44	154	1312396	48.48	ng		99
46) 2-Chloronaphthalene	9.46	162	963416	45.49	ng		99
47) 2-Nitroaniline	9.56	65	352946	49.57	ng	#	78
48) Acenaphthylene	9.87	152	1538379	42.05	ng		99
49) Dimethylphthalate	9.73	163	1191747	47.33	ng		98
50) 2,6-Dinitrotoluene	9.80	165	290495	53.42	ng		94
51) Acenaphthene	10.04	154	871611	39.85	ng		98
52) 3-Nitroaniline	9.97	138	302942	48.68	ng		89
53) 2,4-Dinitrophenol	10.06	184	7069	7.14	ng	#	32
54) Dibenzofuran	10.21	168	1321150	45.16	ng		98
55) 4-Nitrophenol	10.13	139	21411	4.78	ng		89
56) 2,4-Dinitrotoluene	10.20	165	383753	53.01	ng	#	77
57) Fluorene	10.56	166	964706	42.86	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	23316	4.63	ng	#	73
59) Diethylphthalate	10.43	149	1141839	48.12	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	470767	43.54	ng	#	73
61) 4-Nitroaniline	10.58	138	256918	40.31	ng		94
62) Azobenzene	10.70	77	1209117	49.32	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	18792	7.44	ng	#	44
65) n-Nitrosodiphenylamine	10.67	169	876917	44.89	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	300754	47.08	ng	#	76
67) Hexachlorobenzene	11.10	284	280006	44.35	ng	#	86
68) Atrazine	11.20	200	276342	44.08	ng		100
69) Pentachlorophenol	11.30	266	3518	8.18	ng		94
70) Phenanthrene	11.53	178	1613456	46.06	ng		98
71) Anthracene	11.57	178	1462797	41.58	ng		99
72) Carbazole	11.73	167	1442708	42.90	ng		99
73) Di-n-butylphthalate	12.05	149	1635741	44.98	ng		98
74) Fluoranthene	12.72	202	1639407	45.37	ng		92
76) Benzidine	12.83	184	692653	40.04	ng		96
77) Pyrene	12.95	202	1643563	54.09	ng		100
79) Butylbenzylphthalate	13.55	149	670007	54.30	ng		98
80) Benzo(a)anthracene	14.12	228	1210720	48.76	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	363158	41.03	ng		97
82) Chrysene	14.17	228	1172248	50.42	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	938149	55.60	ng	#	98
84) Di-n-octyl phthalate	14.73	149	1569351	57.11	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	947453	52.61	ng		95
87) Benzo(b)fluoranthene	15.17	252	1124352	50.98	ng		98
88) Benzo(k)fluoranthene	15.21	252	728676m	38.26	ng		
89) Benzo(a)pyrene	15.55	252	893644	46.84	ng		97
90) Dibenzo(a,h)anthracene	17.11	278	784921	50.90	ng		98
91) Benzo(g,h,i)perylene	17.54	276	818509	52.54	ng	#	94

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

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