Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092454.D
Acq On : 25 Jan 2017 2:52
Operator : UM/SJ
Sample : I1379-06MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMSD

Manual Integrations APPROVED
mohammad
1/25/2017 3:50:20 PM

Quant Time: Jan 25 05:35:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160028	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	652093	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	357638	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	539674	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	343094	20.00	ng		-0.01
86) Perylene-d12	15.63	264	326390	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1522923	148.06	ng		0.03
7) Phenol-d6	6.60	99	1806471	137.88	ng		0.01
23) Nitrobenzene-d5	7.54	82	1201056	100.61	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	362218	148.62	ng		0.01
44) 2-Fluorobiphenyl	9.36	172	2022027	104.55	ng		0.00
78) Terphenyl-d14	13.11	244	1352626	104.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	245167	44.82	ng	#	83
3) Pyridine	3.52	79	532181	34.17	ng	#	83
4) n-Nitrosodimethylamine	3.46	42	357228	46.76	ng		80
6) Aniline	6.62	93	169596	8.68	ng	#	49
8) 2-Chlorophenol	6.75	128	530184	49.07	ng		86
9) Benzaldehyde	6.51	77	308504	33.18	ng		86
10) Phenol	6.61	94	709469	44.86	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	534956	45.21	ng		89
12) 1,3-Dichlorobenzene	6.91	146	611754	47.88	ng	#	93
13) 1,4-Dichlorobenzene	6.99	146	641830	49.91	ng		97
14) 1,2-Dichlorobenzene	7.14	146	549549	45.05	ng		97
15) Benzyl Alcohol	7.12	79	556118	56.32	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1084465	46.34	ng		92
17) 2-Methylphenol	7.22	107	490579	53.14	ng		96
18) Hexachloroethane	7.49	117	215802	48.71	ng	#	87
19) n-Nitroso-di-n-propylamine	7.39	70	410066	45.96	ng		92
20) 3+4-Methylphenols	7.38	107	558535	49.87	ng		94
22) Acetophenone	7.39	105	807176	51.97	ng	#	92
24) Nitrobenzene	7.56	77	689578	55.14	ng	#	88
25) Isophorone	7.80	82	1217123	51.74	ng		98
26) 2-Nitrophenol	7.87	139	288905	55.13	ng		90
27) 2,4-Dimethylphenol	7.92	122	561325	51.50	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	716701	46.41	ng		99
29) 2,4-Dichlorophenol	8.12	162	494218	52.30	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	487010	47.68	ng		95
31) Naphthalene	8.28	128	1542104	46.21	ng		99
32) Benzoic acid	8.01	122	179675m	24.59	ng		
33) 4-Chloroaniline	8.33	127	91730m	6.50	ng		
34) Hexachlorobutadiene	8.41	225	275571	49.33	ng		99
35) Caprolactam	8.70	113	137875m	43.69	ng		
36) 4-Chloro-3-methylphenol	8.82	107	527410	51.76	ng		95
37) 2-Methylnaphthalene	8.98	142	1025950	48.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	494130	54.77	ng		99
40) Hexachlorocyclopentadiene	9.14	237	310655	68.76	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	360621	52.17	ng		96
43) 2,4,5-Trichlorophenol	9.30	196	317902	50.27	ng		93
45) 1,1'-Biphenyl	9.45	154	1195945	46.26	ng		96
46) 2-Chloronaphthalene	9.47	162	974689	46.16	ng		94
47) 2-Nitroaniline	9.56	65	345992	48.66	ng		89
48) Acenaphthylene	9.89	152	1535484	49.58	ng		99
49) Dimethylphthalate	9.76	163	1187550	52.22	ng		99
50) 2,6-Dinitrotoluene	9.81	165	266567	57.34	ng	#	90
51) Acenaphthene	10.06	154	882507	45.86	ng		98
52) 3-Nitroaniline	9.97	138	71806	12.33	ng		99
53) 2,4-Dinitrophenol	10.08	184	50305	28.51	ng	#	1
54) Dibenzofuran	10.24	168	1283955	49.13	ng		97
55) 4-Nitrophenol	10.13	139	395212	85.48	ng		94
56) 2,4-Dinitrotoluene	10.21	165	328839	53.29	ng		90
57) Fluorene	10.58	166	891902	46.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	246340	51.99	ng		98
59) Diethylphthalate	10.45	149	1117150	51.23	ng		100
60) 4-Chlorophenyl-phenylether	10.58	204	473060	50.34	ng	#	77
61) 4-Nitroaniline	10.60	138	266934	45.84	ng		91
62) Azobenzene	10.74	77	1357993	54.72	ng		93
64) 4,6-Dinitro-2-methylphenol	10.62	198	61457	23.90	ng	#	76
65) n-Nitrosodiphenylamine	10.69	169	871368	51.70	ng		100
66) 4-Bromophenyl-phenylether	11.07	248	294998	54.14	ng	#	83
67) Hexachlorobenzene	11.13	284	256399	46.55	ng	#	78
68) Atrazine	11.22	200	293472	50.87	ng		98
69) Pentachlorophenol	11.32	266	261378	74.22	ng		98
70) Phenanthrene	11.55	178	1547825	52.08	ng		98
71) Anthracene	11.60	178	1384174	47.66	ng		99
72) Carbazole	11.76	167	1429039	51.53	ng		97
73) Di-n-butylphthalate	12.09	149	1737207	54.78	ng	#	97
74) Fluoranthene	12.73	202	1322260	45.49	ng		97
76) Benzidine	12.85	184	214831	16.87	ng		96
77) Pyrene	12.97	202	1311244	52.75	ng		98
79) Butylbenzylphthalate	13.59	149	671422	66.67	ng		84
80) Benzo(a)anthracene	14.15	228	887401	48.13	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	75965	10.85	ng	#	95
82) Chrysene	14.18	228	871334	44.25	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	780347	61.52	ng	#	96
84) Di-n-octyl phthalate	14.75	149	1364398	59.26	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	980272	67.28	ng	#	94
87) Benzo(b)fluoranthene	15.21	252	1023490	48.85	ng	#	96
88) Benzo(k)fluoranthene	15.23	252	811123m	46.55	ng		
89) Benzo(a)pyrene	15.57	252	906672	51.15	ng		97
90) Dibenzo(a,h)anthracene	17.14	278	833297	58.14	ng		96
91) Benzo(g,h,i)perylene	17.57	276	791111	54.58	ng	#	92

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

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