Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098538.D
Acq On : 14 Sep 2017 19:59
Operator : SJ/JU
Sample : I5161-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Manual Integrations APPROVED
Sohil
9/15/2017 5:43:51 PM

Quant Time: Sep 15 10:38:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	136781	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	583044	20.00	ng		-0.02
38) Acenaphthene-d10	9.69	164	262437	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	454969	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	288821	20.00	ng		-0.01
86) Perylene-d12	15.20	264	328429	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1128886	122.03	ng		0.00
7) Phenol-d6	6.32	99	1402424	119.40	ng		0.00
23) Nitrobenzene-d5	7.22	82	827008	79.08	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	244996	139.87	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1304963	84.28	ng		-0.02
78) Terphenyl-d14	12.75	244	935601	69.92	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	134165	28.098	ng		87
3) Pyridine	2.97	79	326687	25.763	ng	#	83
4) n-Nitrosodimethylamine	2.93	42	201356	32.390	ng		98
8) 2-Chlorophenol	6.45	128	407674	40.075	ng		98
9) Benzaldehyde	6.20	77	239132	31.144	ng		96
10) Phenol	6.33	94	539313	39.530	ng		96
11) bis(2-Chloroethyl)ether	6.39	93	550298	53.498	ng		98
12) 1,3-Dichlorobenzene	6.59	146	387074	37.803	ng		97
13) 1,4-Dichlorobenzene	6.66	146	393800m	37.548	ng		
14) 1,2-Dichlorobenzene	6.82	146	366986	38.407	ng		99
15) Benzyl Alcohol	6.81	79	343709	43.968	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	582770	34.433	ng	#	30
17) 2-Methylphenol	6.93	107	333431	40.196	ng	#	85
18) Hexachloroethane	7.16	117	139718	34.785	ng		88
19) n-Nitroso-di-n-propylamine	7.07	70	302845	40.990	ng		99
20) 3+4-Methylphenols	7.09	107	539627	51.549	ng	#	63
22) Acetophenone	7.06	105	598823	39.738	ng	#	90
24) Nitrobenzene	7.24	77	434351	36.461	ng		97
25) Isophorone	7.48	82	781063	36.913	ng		98
26) 2-Nitrophenol	7.56	139	219028	45.538	ng	#	87
27) 2,4-Dimethylphenol	7.60	122	332454	36.259	ng		94
28) bis(2-Chloroethoxy)methane	7.69	93	504492	39.073	ng		99
29) 2,4-Dichlorophenol	7.81	162	344089	45.122	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	345479	41.648	ng		99
31) Naphthalene	7.96	128	1221758	42.388	ng		100
32) Benzoic acid	7.75	122	149582	28.251	ng		97
33) 4-Chloroaniline	8.03	127	262325	22.394	ng		98
34) Hexachlorobutadiene	8.07	225	169051	39.698	ng		99
35) Caprolactam	8.39	113	115300m	43.847	ng		
36) 4-Chloro-3-methylphenol	8.52	107	380141	40.196	ng		87
37) 2-Methylnaphthalene	8.65	142	761271	43.603	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	316309	38.693	ng		99
40) Hexachlorocyclopentadiene	8.79	237	64128	33.327	ng		99
42) 2,4,6-Trichlorophenol	8.93	196	221995	46.233	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	229377	45.703	ng		96
45) 1,1'-Biphenyl	9.11	154	888307	37.817	ng		97
46) 2-Chloronaphthalene	9.13	162	674360	40.199	ng	#	92
47) 2-Nitroaniline	9.24	65	252382	39.197	ng		95
48) Acenaphthylene	9.55	152	1004230	40.261	ng		99
49) Dimethylphthalate	9.42	163	1064629	52.407	ng		100
50) 2,6-Dinitrotoluene	9.49	165	184972	44.327	ng	#	88
51) Acenaphthene	9.72	154	660972	41.688	ng		98
52) 3-Nitroaniline	9.65	138	138474	27.490	ng		97
53) 2,4-Dinitrophenol	9.77	184	60960	36.136	ng	#	81
54) Dibenzofuran	9.89	168	899456	43.061	ng		100
55) 4-Nitrophenol	9.84	139	233817	80.793	ng	#	53
56) 2,4-Dinitrotoluene	9.89	165	228365	45.014	ng	#	63
57) Fluorene	10.23	166	746287	43.166	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	167967	49.799	ng		95
59) Diethylphthalate	10.12	149	790800	40.932	ng		97
60) 4-Chlorophenyl-phenylether	10.23	204	329423	41.252	ng	#	86
61) 4-Nitroaniline	10.27	138	171842	33.780	ng		89
62) Azobenzene	10.39	77	747216	35.885	ng		94
64) 4,6-Dinitro-2-methylphenol	10.30	198	67382	26.613	ng	#	70
65) n-Nitrosodiphenylamine	10.34	169	636898	43.112	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	193615	44.838	ng		96
67) Hexachlorobenzene	10.78	284	184142	42.042	ng	#	87
68) Atrazine	10.88	200	201720	44.353	ng		97
69) Pentachlorophenol	10.98	266	169130	86.605	ng		97
70) Phenanthrene	11.20	178	1753540	72.703	ng		99
71) Anthracene	11.24	178	1135565	45.857	ng		99
72) Carbazole	11.40	167	922031	39.952	ng		100
73) Di-n-butylphthalate	11.73	149	1082306	39.141	ng		100
74) Fluoranthene	12.39	202	1937664	80.251	ng		99
77) Pyrene	12.61	202	1759369	77.219	ng		99
79) Butylbenzylphthalate	13.22	149	390199	39.477	ng	#	77
80) Benzo(a)anthracene	13.80	228	1150458	67.942	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	132812	20.182	ng	#	97
82) Chrysene	13.83	228	1119931	65.430	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	582622	46.966	ng	#	100
84) Di-n-octyl phthalate	14.40	149	970284	45.588	ng		100
85) Indeno(1,2,3-cd)pyrene	16.56	276	923342	76.889	ng		94
87) Benzo(b)fluoranthene	14.82	252	1268554	61.429	ng		98
88) Benzo(k)fluoranthene	14.84	252	894315m	46.389	ng		
89) Benzo(a)pyrene	15.16	252	1114134	60.559	ng		98
90) Dibenzo(a,h)anthracene	16.56	278	614563	45.921	ng		99
91) Benzo(g,h,i)perylene	16.96	276	761090	56.541	ng		95

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

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