Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109339.D
Acq On : 26 Sep 2018 16:27
Operator : JU/SJ
Sample : J5070-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Manual Integrations APPROVED
Sohil
9/27/2018 1:31:13 PM

Quant Time: Sep 27 05:48:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	104835	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	397531	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	186886	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	341333	20.00	ng		0.00
75) Chrysene-d12	13.84	240	229986	20.00	ng		0.00
86) Perylene-d12	15.24	264	273976	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	724386	113.81	ng		0.00
7) Phenol-d6	6.36	99	926317	114.05	ng		0.00
23) Nitrobenzene-d5	7.27	82	579493	86.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	228958	124.28	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	819820	66.16	ng		0.00
78) Terphenyl-d14	12.80	244	607608	64.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	78217	26.683	ng		92
3) Pyridine	3.11	79	224446	29.749	ng		91
4) n-Nitrosodimethylamine	3.03	42	110950	34.555	ng	#	99
6) Aniline	6.37	93	265129	25.515	ng	#	19
8) 2-Chlorophenol	6.50	128	237808	33.598	ng		94
9) Benzaldehyde	6.25	77	143816	27.564	ng		99
10) Phenol	6.37	94	313657	34.101	ng	#	71
11) bis(2-Chloroethyl)ether	6.45	93	224977	31.259	ng		98
12) 1,3-Dichlorobenzene	6.65	146	256884	31.522	ng		99
13) 1,4-Dichlorobenzene	6.73	146	262527	31.976	ng		98
14) 1,2-Dichlorobenzene	6.88	146	243192	32.110	ng		97
15) Benzyl Alcohol	6.85	79	213923	34.410	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	318114	31.161	ng		95
17) 2-Methylphenol	6.97	107	192851	33.674	ng		97
18) Hexachloroethane	7.22	117	92793	32.081	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	168470	31.656	ng		97
20) 3+4-Methylphenols	7.12	107	240317	34.756	ng	#	69
22) Acetophenone	7.12	105	331027	36.017	ng	#	94
24) Nitrobenzene	7.29	77	253069	35.343	ng		97
25) Isophorone	7.53	82	459413	37.885	ng		99
26) 2-Nitrophenol	7.60	139	119223	42.103	ng		97
27) 2,4-Dimethylphenol	7.65	122	210405	39.820	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	286551	35.697	ng		98
29) 2,4-Dichlorophenol	7.85	162	201216	36.245	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	209269	33.735	ng		99
31) Naphthalene	8.01	128	685952	36.926	ng		99
32) Benzoic acid	7.72	122	18303m	11.173	ng		
33) 4-Chloroaniline	8.06	127	160389	19.764	ng		100
34) Hexachlorobutadiene	8.14	225	123258	32.960	ng		98
35) Caprolactam	8.42	113	62155m	35.068	ng		
36) 4-Chloro-3-methylphenol	8.55	107	208950	35.768	ng		99
37) 2-Methylnaphthalene	8.70	142	457875	38.235	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	205440	34.541	ng		98
40) Hexachlorocyclopentadiene	8.86	237	168715	65.035	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	144316	37.806	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	148281	36.780	ng		98
45) 1,1'-Biphenyl	9.16	154	539238	35.414	ng		99
46) 2-Chloronaphthalene	9.19	162	422429	34.727	ng		97
47) 2-Nitroaniline	9.28	65	127250	36.897	ng		95
48) Acenaphthylene	9.60	152	673236	36.687	ng		99
49) Dimethylphthalate	9.47	163	811743	59.718	ng		99
50) 2,6-Dinitrotoluene	9.53	165	104124	38.678	ng		95
51) Acenaphthene	9.77	154	400371	36.086	ng		99
52) 3-Nitroaniline	9.69	138	92493	29.667	ng		93
53) 2,4-Dinitrophenol	9.80	184	14803	22.360	ng	#	22
54) Dibenzofuran	9.95	168	581895	35.266	ng		99
55) 4-Nitrophenol	9.86	139	140357	59.763	ng		90
56) 2,4-Dinitrotoluene	9.93	165	136749	40.146	ng	#	98
57) Fluorene	10.29	166	444453	37.752	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	118292	37.057	ng		90
59) Diethylphthalate	10.17	149	473791	34.421	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	206048	33.509	ng		92
61) 4-Nitroaniline	10.30	138	98876	32.520	ng		97
62) Azobenzene	10.44	77	471393	32.962	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	37689	30.360	ng		91
65) n-Nitrosodiphenylamine	10.40	169	404940	35.907	ng		96
66) 4-Bromophenyl-phenylether	10.77	248	134051	35.366	ng	#	84
67) Hexachlorobenzene	10.84	284	142881	35.493	ng	#	88
68) Atrazine	10.93	200	123908	35.725	ng		95
69) Pentachlorophenol	11.03	266	133025	55.212	ng		98
70) Phenanthrene	11.25	178	667799	39.184	ng		99
71) Anthracene	11.29	178	643695	37.238	ng		100
72) Carbazole	11.45	167	515378	29.966	ng		99
73) Di-n-butylphthalate	11.79	149	677344	34.211	ng		99
74) Fluoranthene	12.42	202	606338	33.291	ng		97
76) Benzidine	12.54	184	337344	40.683	ng		98
77) Pyrene	12.65	202	587926	35.669	ng		99
79) Butylbenzylphthalate	13.27	149	241694	34.467	ng		93
80) Benzo(a)anthracene	13.83	228	493157	35.600	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	173202	32.899	ng		98
82) Chrysene	13.87	228	489231	35.632	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	294649	33.317	ng		99
84) Di-n-octyl phthalate	14.44	149	559969	37.032	ng		97
85) Indeno(1,2,3-cd)pyrene	16.60	276	554517	49.826	ng	#	91
87) Benzo(b)fluoranthene	14.85	252	539599	35.842	ng		98
88) Benzo(k)fluoranthene	14.88	252	485235m	33.966	ng		
89) Benzo(a)pyrene	15.19	252	513992	37.889	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	450656	40.493	ng	#	95
91) Benzo(g,h,i)perylene	17.00	276	444441	40.633	ng	#	91

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

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