Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107706.D
Acq On : 26 Jul 2018 18:11
Operator : JU/SJ
Sample : J4095-11MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MS

Manual Integrations APPROVED
Sohil
7/27/2018 2:53:48 PM

Quant Time: Jul 27 04:14:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	176380	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	713771	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	341158	20.00	ng		-0.02
63) Phenanthrene-d10	11.50	188	689251	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	390883	20.00	ng		-0.02
86) Perylene-d12	15.68	264	443699	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1047682	95.50	ng		0.00
7) Phenol-d6	6.61	99	1244797	94.50	ng		0.00
23) Nitrobenzene-d5	7.53	82	807684	76.37	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	445419	114.81	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1566247	76.48	ng		-0.02
78) Terphenyl-d14	13.08	244	1463965	95.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	115480	22.616	ng		87
3) Pyridine	3.65	79	265022	19.079	ng	#	85
4) n-Nitrosodimethylamine	3.61	42	108104	18.452	ng		94
6) Aniline	6.65	93	177682	10.458	ng	#	64
8) 2-Chlorophenol	6.75	128	372133	31.663	ng		95
9) Benzaldehyde	6.52	77	125399	12.505	ng		96
10) Phenol	6.62	94	442045	28.535	ng		91
11) bis(2-Chloroethyl)ether	6.70	93	368762	28.712	ng		91
12) 1,3-Dichlorobenzene	6.90	146	383450	28.776	ng		100
13) 1,4-Dichlorobenzene	6.98	146	432018	31.632	ng		99
14) 1,2-Dichlorobenzene	7.13	146	384781	31.394	ng		99
15) Benzyl Alcohol	7.11	79	278420	31.013	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	592700	27.354	ng		73
17) 2-Methylphenol	7.22	107	301540	30.186	ng	#	86
18) Hexachloroethane	7.47	117	147360	30.761	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	259542	30.500	ng		96
20) 3+4-Methylphenols	7.37	107	405896	34.219	ng	#	47
22) Acetophenone	7.37	105	552762	32.975	ng	#	91
24) Nitrobenzene	7.55	77	378530	31.248	ng		99
25) Isophorone	7.78	82	716361	31.722	ng		99
26) 2-Nitrophenol	7.86	139	213574	41.750	ng		96
27) 2,4-Dimethylphenol	7.90	122	340032	35.116	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	457416	30.309	ng		99
29) 2,4-Dichlorophenol	8.11	162	331547	33.499	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	350697	31.548	ng		97
31) Naphthalene	8.27	128	1128130	35.942	ng		100
32) Benzoic acid	7.99	122	23685m	10.827	ng		
33) 4-Chloroaniline	8.33	127	110205	8.033	ng		98
34) Hexachlorobutadiene	8.37	225	202391	30.641	ng		98
35) Caprolactam	8.68	113	96995	30.130	ng	#	74
36) 4-Chloro-3-methylphenol	8.81	107	364367	33.142	ng		98
37) 2-Methylnaphthalene	8.95	142	779780	35.852	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	374126	32.879	ng		98
40) Hexachlorocyclopentadiene	9.10	237	300545	51.958	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	234286	32.167	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	259735	34.120	ng		94
45) 1,1'-Biphenyl	9.42	154	990293	33.322	ng		99
46) 2-Chloronaphthalene	9.45	162	726643	31.988	ng		98
47) 2-Nitroaniline	9.55	65	249190	37.628	ng		91
48) Acenaphthylene	9.87	152	1201205	35.201	ng		100
49) Dimethylphthalate	9.72	163	957328	37.233	ng		99
50) 2,6-Dinitrotoluene	9.79	165	181100	35.476	ng		93
51) Acenaphthene	10.04	154	666636	31.179	ng		99
52) 3-Nitroaniline	9.97	138	105179	16.936	ng		98
53) 2,4-Dinitrophenol	10.08	184	92658	49.030	ng	#	31
54) Dibenzofuran	10.21	168	1043809	33.161	ng		100
55) 4-Nitrophenol	10.14	139	229814	49.426	ng		90
56) 2,4-Dinitrotoluene	10.20	165	239058	38.795	ng		94
57) Fluorene	10.55	166	841622	37.479	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.33	232	229496	36.224	ng	#	86
59) Diethylphthalate	10.42	149	901152	33.559	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	413259	32.553	ng		92
61) 4-Nitroaniline	10.60	138	170930	32.760	ng		95
62) Azobenzene	10.70	77	809678	32.156	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	99482	33.171	ng		93
65) n-Nitrosodiphenylamine	10.67	169	738804	31.561	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	254404	31.355	ng	#	86
67) Hexachlorobenzene	11.10	284	276093	30.926	ng	#	88
68) Atrazine	11.19	200	234094	32.753	ng		95
69) Pentachlorophenol	11.30	266	271084	48.614	ng		99
70) Phenanthrene	11.52	178	1179324	35.112	ng		99
71) Anthracene	11.58	178	1263527	37.363	ng		99
72) Carbazole	11.74	167	1104763	31.415	ng		98
73) Di-n-butylphthalate	12.04	149	1374954	35.747	ng		100
74) Fluoranthene	12.71	202	1232438	34.195	ng		98
76) Benzidine	12.85	184	161471	14.344	ng		97
77) Pyrene	12.95	202	1161506	43.442	ng		98
79) Butylbenzylphthalate	13.55	149	459736	39.983	ng		92
80) Benzo(a)anthracene	14.14	228	815205	35.588	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	135071	16.288	ng		99
82) Chrysene	14.18	228	768496	34.925	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	597085	36.803	ng		99
84) Di-n-octyl phthalate	14.72	149	909480	36.065	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	939593	50.383	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	789165	32.498	ng		98
88) Benzo(k)fluoranthene	15.25	252	750983	31.566	ng		98
89) Benzo(a)pyrene	15.61	252	781281	35.173	ng		98
90) Dibenzo(a,h)anthracene	17.27	278	759185	39.538	ng	#	95
91) Benzo(g,h,i)perylene	17.74	276	758218	40.033	ng	#	92

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

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