Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110373.D
Acq On : 1 Nov 2018 17:50
Operator : JU/SJ
Sample : PB114382BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114382BS

Manual Integrations APPROVED
Sohil
11/2/2018 2:48:44 PM

Quant Time: Nov 02 04:29:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	72357	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	299421	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	139354	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	247165	20.00	ng		0.00
76) Chrysene-d12	14.14	240	137063	20.00	ng		0.00
87) Perylene-d12	15.69	264	146871	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	663156	149.25	ng		0.02
7) Phenol-d6	6.59	99	829531	145.96	ng		0.00
23) Nitrobenzene-d5	7.52	82	413653	81.94	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	200704	145.40	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	801882	90.36	ng		0.00
79) Terphenyl-d14	13.07	244	619705	94.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	97502	41.883	ng		90
3) Pyridine	3.66	79	208997	40.307	ng	#	83
4) n-Nitrosodimethylamine	3.62	42	98119	45.167	ng		92
6) Aniline	6.62	93	247722	33.460	ng	#	54
8) 2-Chlorophenol	6.75	128	214751	41.921	ng		98
9) Benzaldehyde	6.51	77	156092	51.451	ng		98
10) Phenol	6.60	94	262524	43.213	ng	#	65
11) bis(2-Chloroethyl)ether	6.69	93	194873	38.990	ng		96
12) 1,3-Dichlorobenzene	6.90	146	228370	40.509	ng		97
13) 1,4-Dichlorobenzene	6.97	146	231202	40.550	ng		97
14) 1,2-Dichlorobenzene	7.13	146	218231	41.231	ng		98
15) Benzyl Alcohol	7.09	79	186291	42.618	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	314505	39.356	ng		69
17) 2-Methylphenol	7.20	107	171405	41.984	ng	#	82
18) Hexachloroethane	7.46	117	85596	41.005	ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	144244	39.561	ng		94
20) 3+4-Methylphenols	7.35	107	223015	42.260	ng		95
22) Acetophenone	7.36	105	298885	43.321	ng	#	96
24) Nitrobenzene	7.54	77	220722	42.350	ng		94
25) Isophorone	7.77	82	395096	45.914	ng		96
26) 2-Nitrophenol	7.85	139	111262	44.861	ng		98
27) 2,4-Dimethylphenol	7.88	122	195517	47.549	ng		100
28) bis(2-Chloroethoxy)methane	7.98	93	249947	42.757	ng		98
29) 2,4-Dichlorophenol	8.09	162	178619	42.997	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	192728	41.418	ng		96
31) Naphthalene	8.26	128	618619	44.828	ng		99
32) Benzoic acid	8.00	122	80697	25.392	ng		96
33) 4-Chloroaniline	8.30	127	147807	23.798	ng		97
34) Hexachlorobutadiene	8.37	225	107137	41.467	ng		97
35) Caprolactam	8.67	113	59706m	41.235	ng		
36) 4-Chloro-3-methylphenol	8.79	107	189108	42.097	ng		98
37) 2-Methylnaphthalene	8.95	142	429130	47.000	ng		99
38) 1-Methylnaphthalene	9.05	142	396486	44.936	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	180177	41.497	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	138744	62.491	ng		99
43) 2,4,6-Trichlorophenol	9.23	196	119568	42.695	ng		97
44) 2,4,5-Trichlorophenol	9.27	196	123799	41.820	ng		96
46) 1,1'-Biphenyl	9.42	154	516946	41.022	ng		100
47) 2-Chloronaphthalene	9.45	162	390135	42.205	ng		99
48) 2-Nitroaniline	9.54	65	116165	41.471	ng		96
49) Acenaphthylene	9.86	152	601182	45.028	ng		99
50) Dimethylphthalate	9.71	163	445910	43.348	ng		99
51) 2,6-Dinitrotoluene	9.78	165	95919	43.288	ng		97
52) Acenaphthene	10.03	154	361189	40.893	ng		98
53) 3-Nitroaniline	9.95	138	68557	26.018	ng		91
54) 2,4-Dinitrophenol	10.06	184	48395	56.646	ng		93
55) Dibenzofuran	10.20	168	526087	42.542	ng		99
56) 4-Nitrophenol	10.12	139	176485	90.495	ng		97
57) 2,4-Dinitrotoluene	10.19	165	126440	44.925	ng	#	81
58) Fluorene	10.55	166	416983	45.307	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	100888	41.812	ng		93
60) Diethylphthalate	10.41	149	437259	43.545	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	200215	41.238	ng		94
62) 4-Nitroaniline	10.57	138	93068	35.511	ng		96
63) Azobenzene	10.70	77	421922	42.330	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	38818	34.376	ng		88
66) n-Nitrosodiphenylamine	10.66	169	361725	44.619	ng		96
67) 4-Bromophenyl-phenylether	11.03	248	115758	43.177	ng		93
68) Hexachlorobenzene	11.10	284	120705	42.432	ng		95
69) Atrazine	11.18	200	114923	44.857	ng		99
70) Pentachlorophenol	11.29	266	97019	58.490	ng		97
71) Phenanthrene	11.52	178	571066	44.156	ng		99
72) Anthracene	11.57	178	596645	46.027	ng		98
73) Carbazole	11.72	167	469834	37.120	ng		99
74) Di-n-butylphthalate	12.03	149	649553	45.440	ng		99
75) Fluoranthene	12.71	202	500140	38.105	ng		98
77) Benzidine	12.82	184	280407	Below Cal			98
78) Pyrene	12.94	202	475199	48.360	ng		98
80) Butylbenzylphthalate	13.54	149	203560	47.728	ng		95
81) Benzo(a)anthracene	14.13	228	370970	45.640	ng		99
82) 3,3'-Dichlorobenzidine	14.09	252	86922	30.711	ng		100
83) Chrysene	14.17	228	342032	44.304	ng		99
84) Bis(2-ethylhexyl)phthalate	14.10	149	279028	48.397	ng		97
85) Di-n-octyl phthalate	14.74	149	440696	49.158	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	406517	63.473	ng		98
88) Benzo(b)fluoranthene	15.24	252	370646	43.702	ng		99
89) Benzo(k)fluoranthene	15.27	252	344190	41.280	ng		99
90) Benzo(a)pyrene	15.63	252	359011	46.003	ng		98
91) Dibenzo(a,h)anthracene	17.27	278	335741	49.859	ng		98
92) Benzo(g,h,i)perylene	17.74	276	323506	48.753	ng		99

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

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