Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110304.D
Acq On : 30 Oct 2018 15:47
Operator : JU/SJ
Sample : J5724-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RED-SHALEMS

Manual Integrations APPROVED
Sohil
10/31/2018 11:14:59 AM

Quant Time: Oct 31 04:59:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	121282	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	488796	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	217225	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	348792	20.00	ng		0.00
76) Chrysene-d12	14.17	240	222773	20.00	ng		0.01
87) Perylene-d12	15.70	264	190845	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	696082	93.46	ng		0.01
7) Phenol-d6	6.60	99	891072	93.54	ng		0.00
23) Nitrobenzene-d5	7.54	82	561181	68.10	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	188958	87.82	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1018079	73.59	ng		0.00
79) Terphenyl-d14	13.09	244	734161	68.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	82687	21.191	ng		91
3) Pyridine	3.66	79	229645	26.423	ng	#	84
4) n-Nitrosodimethylamine	3.62	42	124173	34.102	ng		89
6) Aniline	6.63	93	241428	19.455	ng	#	54
8) 2-Chlorophenol	6.76	128	270546	31.508	ng		99
9) Benzaldehyde	6.52	77	116062	17.842	ng		96
10) Phenol	6.62	94	388785	38.181	ng	#	63
11) bis(2-Chloroethyl)ether	6.70	93	243019	29.008	ng		93
12) 1,3-Dichlorobenzene	6.91	146	282496	29.896	ng		99
13) 1,4-Dichlorobenzene	6.99	146	284877	29.809	ng		97
14) 1,2-Dichlorobenzene	7.14	146	268921	30.312	ng		99
15) Benzyl Alcohol	7.11	79	238852	32.600	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	396242	29.582	ng		69
17) 2-Methylphenol	7.22	107	221292	32.338	ng	#	82
18) Hexachloroethane	7.48	117	101792	29.093	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	183863	30.085	ng		97
20) 3+4-Methylphenols	7.37	107	279884	31.641	ng		94
22) Acetophenone	7.38	105	371426	32.978	ng		99
24) Nitrobenzene	7.56	77	275780	32.414	ng		91
25) Isophorone	7.79	82	500463	35.626	ng		98
26) 2-Nitrophenol	7.87	139	142166	35.114	ng		94
27) 2,4-Dimethylphenol	7.90	122	242084	36.064	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	321025	33.640	ng		99
29) 2,4-Dichlorophenol	8.11	162	227482	33.544	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	242862	31.971	ng		96
31) Naphthalene	8.27	128	835822	37.101	ng		99
32) Benzoic acid	7.96	122	11882m	2.290	ng		
33) 4-Chloroaniline	8.32	127	140593	13.867	ng		97
34) Hexachlorobutadiene	8.39	225	134998	32.007	ng		98
35) Caprolactam	8.69	113	69554m	29.426	ng		
36) 4-Chloro-3-methylphenol	8.80	107	239822	32.703	ng		97
37) 2-Methylnaphthalene	8.97	142	551863	37.025	ng		97
38) 1-Methylnaphthalene	9.07	142	513527	35.652	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	228190	33.715	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	99312	28.696 ng		100
43) 2,4,6-Trichlorophenol	9.25	196	153291	35.114 ng		96
44) 2,4,5-Trichlorophenol	9.29	196	160274	34.733 ng		95
46) 1,1'-Biphenyl	9.43	154	643895	32.779 ng		99
47) 2-Chloronaphthalene	9.46	162	481622	33.425 ng		98
48) 2-Nitroaniline	9.56	65	147039	33.675 ng		95
49) Acenaphthylene	9.88	152	754451	36.251 ng		99
50) Dimethylphthalate	9.73	163	650752	40.583 ng		100
51) 2,6-Dinitrotoluene	9.80	165	116882	33.840 ng		94
52) Acenaphthene	10.05	154	543642	39.486 ng		99
53) 3-Nitroaniline	9.97	138	98753	24.042 ng		94
54) 2,4-Dinitrophenol	10.08	184	11544	13.051 ng		94
55) Dibenzofuran	10.22	168	739377	38.356 ng		98
56) 4-Nitrophenol	10.13	139	241676	79.498 ng		97
57) 2,4-Dinitrotoluene	10.20	165	145157	33.086 ng		93
58) Fluorene	10.57	166	665022	46.355 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	118446m	31.492 ng		
60) Diethylphthalate	10.43	149	526852	33.659 ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	237832	31.425 ng		96
62) 4-Nitroaniline	10.59	138	111538	27.302 ng		94
63) Azobenzene	10.72	77	491067	31.606 ng		94
65) 4,6-Dinitro-2-methylphenol	10.62	198	19181	12.037 ng		91
66) n-Nitrosodiphenylamine	10.67	169	429237	37.519 ng		95
67) 4-Bromophenyl-phenylether	11.05	248	134237	35.481 ng	#	91
68) Hexachlorobenzene	11.12	284	130033	32.393 ng	#	88
69) Atrazine	11.20	200	128655	35.585 ng		99
70) Pentachlorophenol	11.32	266	114233	48.802 ng		97
71) Phenanthrene	11.54	178	2110796	115.657 ng		98
72) Anthracene	11.59	178	1140907	62.368 ng		100
73) Carbazole	11.74	167	724056	40.538 ng		99
74) Di-n-butylphthalate	12.06	149	728335	36.105 ng		99
75) Fluoranthene	12.74	202	2226302	120.197 ng		97
77) Benzidine	12.85	184	114751	13.290 ng		96
78) Pyrene	12.97	202	1979040	123.915 ng		99
80) Butylbenzylphthalate	13.56	149	251749	36.317 ng		98
81) Benzo(a)anthracene	14.16	228	1213439	91.851 ng		98
82) 3,3'-Dichlorobenzidine	14.11	252	130754	28.423 ng		99
83) Chrysene	14.20	228	1036096	82.572 ng		98
84) Bis(2-ethylhexyl)phthalate	14.12	149	348139	37.152 ng		96
85) Di-n-octyl phthalate	14.73	149	572323	39.279 ng	#	99
86) Indeno(1,2,3-cd)pyrene	17.29	276	609067	58.510 ng		99
88) Benzo(b)fluoranthene	15.25	252	1215325	110.278 ng		97
89) Benzo(k)fluoranthene	15.28	252	541937	50.020 ng		97
90) Benzo(a)pyrene	15.64	252	880439	86.822 ng		99
91) Dibenzo(a,h)anthracene	17.30	278	342093	39.096 ng		100
92) Benzo(g,h,i)perylene	17.77	276	524049	60.778 ng		98

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

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