Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107825.D
Acq On : 31 Jul 2018 2:34
Operator : JU/SJ
Sample : J4210-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-072618MSD

Manual Integrations APPROVED
Sohil
7/31/2018 2:43:04 PM

Quant Time: Jul 31 05:06:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	169935	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	637850	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	238811	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	439387	20.00	ng		0.00
75) Chrysene-d12	14.15	240	463311	20.00	ng		0.00
86) Perylene-d12	15.69	264	371165	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	944809	94.49	ng		0.01
7) Phenol-d6	6.61	99	1113143	84.47	ng		0.00
23) Nitrobenzene-d5	7.53	82	733218	66.22	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	241413	74.40	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1153650	67.32	ng		0.00
78) Terphenyl-d14	13.08	244	1149663	53.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	117580	27.832	ng	#	86
3) Pyridine	3.66	79	180797	19.650	ng	#	86
4) n-Nitrosodimethylamine	3.63	42	65147	12.805	ng		91
6) Aniline	6.64	93	194559	14.194	ng	#	20
8) 2-Chlorophenol	6.76	128	359597	28.631	ng		97
9) Benzaldehyde	6.52	77	152858	19.226	ng		96
10) Phenol	6.62	94	412902	26.274	ng		93
11) bis(2-Chloroethyl)ether	6.70	93	312012	22.328	ng		92
12) 1,3-Dichlorobenzene	6.91	146	382274	29.019	ng		97
13) 1,4-Dichlorobenzene	6.98	146	420620	28.684	ng		99
14) 1,2-Dichlorobenzene	7.13	146	384220	28.226	ng		99
15) Benzyl Alcohol	7.11	79	242176	29.567	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	610364	30.380	ng		73
17) 2-Methylphenol	7.22	107	256682	27.684	ng	#	77
18) Hexachloroethane	7.47	117	122707	23.280	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	250130	29.922	ng		97
20) 3+4-Methylphenols	7.38	107	298704	26.241	ng	#	76
22) Acetophenone	7.37	105	513440	33.458	ng	#	93
24) Nitrobenzene	7.55	77	334961	28.852	ng		97
25) Isophorone	7.78	82	653727	35.970	ng		98
26) 2-Nitrophenol	7.87	139	164435	28.222	ng		97
27) 2,4-Dimethylphenol	7.90	122	267831	34.334	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	427327	35.678	ng		100
29) 2,4-Dichlorophenol	8.11	162	255362	28.941	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	302157	30.017	ng		98
31) Naphthalene	8.27	128	967349	32.626	ng		99
32) Benzoic acid	7.96	122	40255m	8.900	ng		
33) 4-Chloroaniline	8.33	127	182533	14.413	ng		93
34) Hexachlorobutadiene	8.37	225	176320	28.345	ng		98
35) Caprolactam	8.68	113	62836	23.656	ng	#	80
36) 4-Chloro-3-methylphenol	8.81	107	272786	28.466	ng		97
37) 2-Methylnaphthalene	8.96	142	603208	32.388	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	279477	34.324	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	18406	12.179	ng		97

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42) 2,4,6-Trichlorophenol	9.24	196	152769	33.939	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	166749	30.771	ng		94
45) 1,1'-Biphenyl	9.42	154	743909	34.229	ng		99
46) 2-Chloronaphthalene	9.45	162	530431	32.365	ng		98
47) 2-Nitroaniline	9.56	65	177956	33.382	ng		92
48) Acenaphthylene	9.87	152	836696	32.931	ng		100
49) Dimethylphthalate	9.71	163	692538	38.614	ng		100
50) 2,6-Dinitrotoluene	9.79	165	116409	29.867	ng		91
51) Acenaphthene	10.04	154	474833	32.172	ng		99
52) 3-Nitroaniline	9.98	138	128982	26.262	ng		95
53) 2,4-Dinitrophenol	10.13	184	1457	9.075	ng	#	1
54) Dibenzofuran	10.21	168	695043	30.468	ng		99
55) 4-Nitrophenol	10.17	139	75073	38.010	ng		94
56) 2,4-Dinitrotoluene	10.20	165	136193	26.586	ng	#	88
57) Fluorene	10.55	166	529059	29.842	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	125677	25.250	ng	#	86
59) Diethylphthalate	10.41	149	605013	31.375	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	265443	27.484	ng		90
61) 4-Nitroaniline	10.59	138	124555	28.577	ng		91
62) Azobenzene	10.70	77	526556	29.320	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	5820	2.435	ng	#	23
65) n-Nitrosodiphenylamine	10.67	169	462759	31.985	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	155469	30.357	ng	#	84
67) Hexachlorobenzene	11.10	284	160266	28.221	ng		92
68) Atrazine	11.18	200	131269	30.656	ng		97
69) Pentachlorophenol	11.31	266	128166	45.845	ng		99
70) Phenanthrene	11.52	178	683497	32.761	ng		98
71) Anthracene	11.58	178	791972	32.910	ng		98
72) Carbazole	11.74	167	760344	31.973	ng		98
73) Di-n-butylphthalate	12.04	149	845833	32.602	ng		99
74) Fluoranthene	12.72	202	878935	35.860	ng		98
76) Benzidine	12.85	184	145576	9.718	ng		98
77) Pyrene	12.95	202	880111	26.380	ng		98
79) Butylbenzylphthalate	13.55	149	403017	27.585	ng		93
80) Benzo(a)anthracene	14.14	228	831468	31.681	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	284069	27.922	ng		96
82) Chrysene	14.18	228	846300	29.896	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	553391	30.130	ng		100
84) Di-n-octyl phthalate	14.72	149	1056986	35.854	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	554518	25.754	ng		95
87) Benzo(b)fluoranthene	15.23	252	605304	33.066	ng		98
88) Benzo(k)fluoranthene	15.26	252	754888	33.588	ng		98
89) Benzo(a)pyrene	15.62	252	595856	31.530	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	476660	28.916	ng		98
91) Benzo(g,h,i)perylene	17.75	276	447616	28.063	ng		94

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

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