Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114219.D
Acq On : 13 May 2019 3:51
Operator : JU/SJ
Sample : K2765-20MSD 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Manual Integrations APPROVED
Sohil
5/13/2019 8:37:54 PM

Quant Time: May 13 09:44:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	237819	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	910391	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	409179	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	741920	20.00	ng		0.00
76) Chrysene-d12	14.02	240	524431	20.00	ng		0.00
87) Perylene-d12	15.49	264	532403	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	329965	22.33	ng		0.00
7) Phenol-d6	6.49	99	445291	25.48	ng		0.00
23) Nitrobenzene-d5	7.41	82	272028	16.77	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	76694	18.13	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	387936	14.34	ng		0.00
79) Terphenyl-d14	12.95	244	293496	11.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	52190	6.425	ng		96
3) Pyridine	3.38	79	90688	4.052	ng		96
4) n-Nitrosodimethylamine	3.27	42	61345	5.684	ng	#	92
6) Aniline	6.51	93	57877	2.292	ng	#	1
8) 2-Chlorophenol	6.64	128	142194	9.013	ng		95
9) Benzaldehyde	6.40	77	66278	5.417	ng		98
10) Phenol	6.50	94	179025	8.707	ng		86
11) bis(2-Chloroethyl)ether	6.58	93	144279	9.243	ng		94
12) 1,3-Dichlorobenzene	6.79	146	146574	8.277	ng		97
13) 1,4-Dichlorobenzene	6.87	146	148039	8.296	ng		98
14) 1,2-Dichlorobenzene	7.02	146	140881	8.641	ng		99
15) Benzyl Alcohol	6.99	79	116773	8.566	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	244029	8.063	ng		95
17) 2-Methylphenol	7.11	107	104722	8.081	ng		98
18) Hexachloroethane	7.36	117	37540	5.604	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	98557	8.896	ng		98
20) 3+4-Methylphenols	7.27	107	137402	9.176	ng	#	60
22) Acetophenone	7.26	105	196185	9.727	ng	#	87
24) Nitrobenzene	7.43	77	145238	8.790	ng		98
25) Isophorone	7.67	82	255983	8.508	ng		99
26) 2-Nitrophenol	7.75	139	66762	8.329	ng		95
27) 2,4-Dimethylphenol	7.79	122	105086	8.347	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	174411	8.935	ng		99
29) 2,4-Dichlorophenol	8.00	162	107203	8.551	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	118682	8.325	ng		99
31) Naphthalene	8.16	128	569159	13.384	ng		97
32) Benzoic acid	7.86	122	43427	11.151	ng		99
33) 4-Chloroaniline	8.20	127	73318	3.783	ng		96
34) Hexachlorobutadiene	8.27	225	61700	7.607	ng		100
35) Caprolactam	8.54	113	30664	7.501	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	111392	8.827	ng		99
37) 2-Methylnaphthalene	8.85	142	329139	11.996	ng		97
38) 1-Methylnaphthalene	8.95	142	283975	10.990	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	110451	8.911	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1389	4.551	ng	#	61
43) 2,4,6-Trichlorophenol	9.13	196	72127	8.460	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	75477	8.632	ng	#	93
46) 1,1'-Biphenyl	9.30	154	336935	10.193	ng		96
47) 2-Chloronaphthalene	9.33	162	230999	8.683	ng		96
48) 2-Nitroaniline	9.43	65	76738	8.134	ng		96
49) Acenaphthylene	9.75	152	645973	15.965	ng		98
50) Dimethylphthalate	9.60	163	332692	11.076	ng		99
51) 2,6-Dinitrotoluene	9.66	165	54731	8.215	ng		96
52) Acenaphthene	9.92	154	216994	8.739	ng		99
53) 3-Nitroaniline	9.83	138	40864	4.941	ng		98
54) 2,4-Dinitrophenol	9.95	184	15097	10.872	ng	#	85
55) Dibenzofuran	10.09	168	326944	8.980	ng		93
56) 4-Nitrophenol	10.02	139	72593	12.412	ng		86
57) 2,4-Dinitrotoluene	10.07	165	69686	7.706	ng		98
58) Fluorene	10.43	166	277528	9.869	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	55996m	7.422	ng		
60) Diethylphthalate	10.30	149	264004	8.650	ng		97
61) 4-Chlorophenyl-phenylether	10.42	204	121756	8.815	ng		98
62) 4-Nitroaniline	10.45	138	51581	5.935	ng		97
63) Azobenzene	10.58	77	237723	8.047	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	12080	3.388	ng		75
66) n-Nitrosodiphenylamine	10.54	169	218747	9.715	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	70844	8.672	ng		95
68) Hexachlorobenzene	10.99	284	73212	8.101	ng		97
69) Atrazine	11.06	200	62173	8.873	ng		99
70) Pentachlorophenol	11.19	266	51242	11.962	ng		98
71) Phenanthrene	11.40	178	1222421	33.866	ng		98
72) Anthracene	11.45	178	489494	13.502	ng		98
73) Carbazole	11.60	167	304232	8.800	ng		98
74) Di-n-butylphthalate	11.93	149	399024	10.018	ng		100
75) Fluoranthene	12.59	202	1631640	41.977	ng		98
78) Pyrene	12.82	202	2663183	63.127	ng		99
80) Butylbenzylphthalate	13.42	149	153585	8.649	ng		94
81) Benzo(a)anthracene	14.00	228	1196538m	35.275	ng		
83) Chrysene	14.04	228	1249974	37.592	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	217109	9.348	ng		100
85) Di-n-octyl phthalate	14.60	149	358181	9.514	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	595102	20.251	ng		99
88) Benzo(b)fluoranthene	15.06	252	1300147m	38.118	ng		
89) Benzo(k)fluoranthene	15.09	252	446165m	14.240	ng		
90) Benzo(a)pyrene	15.43	252	881109	29.352	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	292495	11.726	ng		99
92) Benzo(g,h,i)perylene	17.41	276	602254	24.092	ng		98

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

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