Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114231.D
Acq On : 13 May 2019 16:16
Operator : JU/SJ
Sample : K2764-21MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MSD

Manual Integrations APPROVED
Sohil
5/14/2019 8:03:14 PM

Quant Time: May 14 05:37:12 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	6.86	152	286087	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1113969	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	536320	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	1042025	20.00	ng		0.01
76) Chrysene-d12	14.03	240	625943	20.00	ng		0.00
87) Perylene-d12	15.52	264	700879	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1547296	87.04	ng		0.02
7) Phenol-d6	6.51	99	2058725	97.91	ng		0.02
23) Nitrobenzene-d5	7.42	82	1295796	65.28	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	467102	84.24	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	1917248	54.08	ng		0.00
79) Terphenyl-d14	12.96	244	1730302	56.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	243305	24.899	ng		99
3) Pyridine	3.42	79	540421	20.073	ng		95
4) n-Nitrosodimethylamine	3.35	42	365756	28.172	ng		92
6) Aniline	6.52	93	369939	12.180	ng	#	1
8) 2-Chlorophenol	6.65	128	649390	34.217	ng		96
9) Benzaldehyde	6.40	77	308468	20.956	ng		100
10) Phenol	6.52	94	778086	31.458	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	638479	34.001	ng		97
12) 1,3-Dichlorobenzene	6.80	146	657092	30.844	ng		99
13) 1,4-Dichlorobenzene	6.87	146	655684	30.544	ng		97
14) 1,2-Dichlorobenzene	7.03	146	617274	31.474	ng		99
15) Benzyl Alcohol	7.00	79	547240	33.370	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1145678	31.466	ng		53
17) 2-Methylphenol	7.12	107	515676	33.077	ng	#	93
18) Hexachloroethane	7.37	117	234865	29.147	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	448781	33.674	ng		99
20) 3+4-Methylphenols	7.27	107	665401	36.941	ng	#	58
22) Acetophenone	7.26	105	865678	35.079	ng	#	90
24) Nitrobenzene	7.44	77	696010	34.427	ng		95
25) Isophorone	7.68	82	1267143	34.421	ng		99
26) 2-Nitrophenol	7.76	139	360822	36.786	ng		96
27) 2,4-Dimethylphenol	7.80	122	581460	37.744	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	819730	34.319	ng		99
29) 2,4-Dichlorophenol	8.00	162	540764	35.252	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	557607	31.966	ng		99
31) Naphthalene	8.16	128	1810286	34.790	ng		98
32) Benzoic acid	7.93	122	341755	33.583	ng		99
33) 4-Chloroaniline	8.21	127	189607	7.996	ng		96
34) Hexachlorobutadiene	8.27	225	299985	30.225	ng		99
35) Caprolactam	8.59	113	187237m	37.433	ng		
36) 4-Chloro-3-methylphenol	8.70	107	569891	36.908	ng		99
37) 2-Methylnaphthalene	8.85	142	1210574	36.058	ng		97
38) 1-Methylnaphthalene	8.95	142	1140758	36.081	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	538756	33.162	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	164398	24.870	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	376540	33.696	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	401693	35.051	ng		96
46) 1,1'-Biphenyl	9.32	154	1455911	33.603	ng		98
47) 2-Chloronaphthalene	9.34	162	1105312	31.699	ng		99
48) 2-Nitroaniline	9.44	65	412463	33.354	ng		94
49) Acenaphthylene	9.76	152	1835386	34.608	ng		99
50) Dimethylphthalate	9.61	163	1534870	38.985	ng		99
51) 2,6-Dinitrotoluene	9.68	165	302349	34.624	ng	#	83
52) Acenaphthene	9.93	154	1019317	31.321	ng		99
53) 3-Nitroaniline	9.85	138	203678	18.790	ng		99
54) 2,4-Dinitrophenol	9.96	184	223290	53.310	ng		94
55) Dibenzofuran	10.10	168	1537414	32.217	ng		98
56) 4-Nitrophenol	10.03	139	432968	56.480	ng		98
57) 2,4-Dinitrotoluene	10.09	165	396060	33.416	ng		96
58) Fluorene	10.44	166	1224661	33.224	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	329491	33.321	ng		99
60) Diethylphthalate	10.31	149	1344167	33.601	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	586713	32.408	ng		97
62) 4-Nitroaniline	10.46	138	313800	27.549	ng		98
63) Azobenzene	10.59	77	1287469	33.250	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	153119	30.581	ng		88
66) n-Nitrosodiphenylamine	10.55	169	1101514	34.830	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	374792	32.667	ng		96
68) Hexachlorobenzene	11.00	284	397270	31.300	ng		93
69) Atrazine	11.08	200	340401	34.587	ng		100
70) Pentachlorophenol	11.19	266	358135	59.523	ng		99
71) Phenanthrene	11.40	178	1918740	37.848	ng		100
72) Anthracene	11.46	178	1773139	34.822	ng		99
73) Carbazole	11.61	167	1619918	33.362	ng		99
74) Di-n-butylphthalate	11.93	149	2058628	36.800	ng		98
75) Fluoranthene	12.59	202	2064293	37.812	ng		97
77) Benzidine	12.71	184	107188	3.815	ng		97
78) Pyrene	12.83	202	2329888	46.270	ng		100
80) Butylbenzylphthalate	13.43	149	830309	39.176	ng		93
81) Benzo(a)anthracene	14.02	228	1522855	37.615	ng		97
82) 3,3'-Dichlorobenzidine	13.97	252	376300	23.960	ng	#	98
83) Chrysene	14.06	228	1540457	38.815	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1211111	43.691	ng		99
85) Di-n-octyl phthalate	14.62	149	1885671	41.964	ng		99
86) Indeno(1,2,3-cd)pyrene	17.01	276	1488407	42.435	ng		98
88) Benzo(b)fluoranthene	15.09	252	1789531	39.854	ng		99
89) Benzo(k)fluoranthene	15.12	252	1256603	30.465	ng		99
90) Benzo(a)pyrene	15.46	252	1501221	37.989	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	1172590	35.709	ng		99
92) Benzo(g,h,i)perylene	17.46	276	1235851	37.555	ng		99

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

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