Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114415.D
Acq On : 19 May 2019 3:12
Operator : JU/SJ
Sample : K2643-06MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Manual Integrations APPROVED
Sohil
5/21/2019 7:17:18 PM

Quant Time: May 20 08:23:49 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	6.84	152	227524	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	844405	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	378961	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	676311	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	415439	20.00	ng		-0.02
87) Perylene-d12	15.46	264	497748	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1490828	105.45	ng		0.01
7) Phenol-d6	6.49	99	1828430	109.34	ng		0.00
23) Nitrobenzene-d5	7.40	82	1295690	86.11	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	461993	117.92	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	2197171	87.70	ng		-0.02
79) Terphenyl-d14	12.93	244	1879208	93.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	238511	30.691	ng	#	82
3) Pyridine	3.51	79	415633	19.412	ng		97
4) n-Nitrosodimethylamine	3.44	42	352598	34.149	ng		95
6) Aniline	6.51	93	274816	11.377	ng	#	30
8) 2-Chlorophenol	6.63	128	633425	41.967	ng		96
9) Benzaldehyde	6.39	77	192201	16.418	ng		99
10) Phenol	6.50	94	679301	34.533	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	646052	43.260	ng		99
12) 1,3-Dichlorobenzene	6.78	146	615835	36.348	ng		99
13) 1,4-Dichlorobenzene	6.86	146	626762	36.711	ng		97
14) 1,2-Dichlorobenzene	7.01	146	576741	36.976	ng		98
15) Benzyl Alcohol	6.99	79	527785	40.468	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1164337	40.210	ng		61
17) 2-Methylphenol	7.10	107	491663	39.654	ng	#	91
18) Hexachloroethane	7.35	117	227787	35.545	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	455999	43.022	ng		98
20) 3+4-Methylphenols	7.26	107	623335	43.513	ng	#	70
22) Acetophenone	7.25	105	864681	46.224	ng	#	90
24) Nitrobenzene	7.42	77	688370	44.919	ng		97
25) Isophorone	7.66	82	1269941	45.509	ng		99
26) 2-Nitrophenol	7.74	139	349969	47.070	ng		95
27) 2,4-Dimethylphenol	7.78	122	564982	48.382	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	818805	45.223	ng		98
29) 2,4-Dichlorophenol	7.99	162	526719	45.298	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	546763	41.351	ng		99
31) Naphthalene	8.14	128	1739154	44.092	ng		99
32) Benzoic acid	7.92	122	307470	38.547	ng		98
33) 4-Chloroaniline	8.19	127	163007	9.069	ng		96
34) Hexachlorobutadiene	8.25	225	298397	39.663	ng		97
35) Caprolactam	8.56	113	147642m	38.940	ng		
36) 4-Chloro-3-methylphenol	8.69	107	541867	46.296	ng		98
37) 2-Methylnaphthalene	8.83	142	1200646	47.179	ng		98
38) 1-Methylnaphthalene	8.93	142	1128018	47.068	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	549847	47.898	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	206045	40.768	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	348583	44.147	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	368710	45.533	ng		97
46) 1,1'-Biphenyl	9.29	154	1454924	47.523	ng		99
47) 2-Chloronaphthalene	9.32	162	1101169	44.693	ng		99
48) 2-Nitroaniline	9.42	65	375822	43.010	ng		98
49) Acenaphthylene	9.73	152	1721353	45.935	ng		99
50) Dimethylphthalate	9.59	163	1319379	47.427	ng		99
51) 2,6-Dinitrotoluene	9.66	165	289153	46.862	ng		98
52) Acenaphthene	9.90	154	1021814	44.435	ng		98
53) 3-Nitroaniline	9.83	138	170560	22.268	ng		99
54) 2,4-Dinitrophenol	9.95	184	186907	61.907	ng		98
55) Dibenzofuran	10.07	168	1488775	44.152	ng		98
56) 4-Nitrophenol	10.01	139	295451	54.544	ng		96
57) 2,4-Dinitrotoluene	10.07	165	352450	42.084	ng	#	90
58) Fluorene	10.42	166	1198437	46.013	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	308370	44.135	ng		98
60) Diethylphthalate	10.29	149	1304194	46.140	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	582706	45.552	ng		96
62) 4-Nitroaniline	10.45	138	271761	33.765	ng		98
63) Azobenzene	10.57	77	1230043	44.957	ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	132249	40.695	ng		88
66) n-Nitrosodiphenylamine	10.53	169	1042760	50.801	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	358457	48.138	ng		96
68) Hexachlorobenzene	10.97	284	384437	46.667	ng		93
69) Atrazine	11.05	200	243793	38.166	ng		100
70) Pentachlorophenol	11.17	266	296560	75.943	ng		99
71) Phenanthrene	11.38	178	1563826	47.528	ng		99
72) Anthracene	11.43	178	1605669	48.585	ng		99
73) Carbazole	11.59	167	1438102	45.633	ng		99
74) Di-n-butylphthalate	11.91	149	1907151	52.527	ng		100
75) Fluoranthene	12.57	202	1540459	43.476	ng		99
77) Benzidine	12.69	184	42264	2.266	ng		97
78) Pyrene	12.80	202	1524772	45.624	ng		99
80) Butylbenzylphthalate	13.40	149	727026	51.684	ng		98
81) Benzo(a)anthracene	13.99	228	1273346	47.388	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	371127	35.604	ng		100
83) Chrysene	14.02	228	1275279	48.415	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1017460	55.304	ng		100
85) Di-n-octyl phthalate	14.57	149	1652070	55.395	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1331148	57.182	ng		99
88) Benzo(b)fluoranthene	15.03	252	1495066	46.884	ng		98
89) Benzo(k)fluoranthene	15.06	252	1240600	42.352	ng		99
90) Benzo(a)pyrene	15.40	252	1352417	48.189	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	1126336	48.298	ng		100
92) Benzo(g,h,i)perylene	17.37	276	1084806	46.418	ng		99

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

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