Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114227.D
Acq On : 13 May 2019 14:31
Operator : JU/SJ
Sample : K2767-13MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Manual Integrations APPROVED
Sohil
5/14/2019 8:03:09 PM

Quant Time: May 14 09:18:17 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	254068	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	977855	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	463611	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	886278	20.00	ng		0.01
76) Chrysene-d12	14.04	240	440273	20.00	ng		0.02
87) Perylene-d12	15.53	264	579961	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1426516	90.36	ng		0.01
7) Phenol-d6	6.51	99	1869707	100.13	ng		0.02
23) Nitrobenzene-d5	7.42	82	1201262	68.94	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	448877	93.65	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	1957873	63.88	ng		0.00
79) Terphenyl-d14	12.96	244	1687758	79.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	215830	24.871	ng		98
3) Pyridine	3.40	79	519407	21.724	ng		92
4) n-Nitrosodimethylamine	3.32	42	324433	28.139	ng		91
6) Aniline	6.52	93	111818	4.146	ng	#	1
8) 2-Chlorophenol	6.65	128	552403	32.775	ng		95
9) Benzaldehyde	6.40	77	229467	17.554	ng		99
10) Phenol	6.52	94	669498	30.479	ng		86
11) bis(2-Chloroethyl)ether	6.59	93	585315	35.098	ng		99
12) 1,3-Dichlorobenzene	6.80	146	559100	29.552	ng		99
13) 1,4-Dichlorobenzene	6.87	146	570588	29.929	ng		97
14) 1,2-Dichlorobenzene	7.03	146	540366	31.024	ng		99
15) Benzyl Alcohol	7.00	79	484026	33.235	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1044872	32.314	ng		60
17) 2-Methylphenol	7.12	107	382149	27.602	ng	#	91
18) Hexachloroethane	7.37	117	187678	26.226	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	407646	34.442	ng		98
20) 3+4-Methylphenols	7.27	107	517614	32.358	ng	#	60
22) Acetophenone	7.26	105	794586	36.680	ng	#	90
24) Nitrobenzene	7.44	77	621312	35.010	ng		95
25) Isophorone	7.67	82	1134953	35.121	ng		97
26) 2-Nitrophenol	7.76	139	319386	37.094	ng		96
27) 2,4-Dimethylphenol	7.80	122	361868	26.760	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	742941	35.433	ng		99
29) 2,4-Dichlorophenol	8.00	162	470064	34.909	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	477991	31.217	ng		100
31) Naphthalene	8.16	128	2214721	48.486	ng		100
32) Benzoic acid	7.93	122	388190	41.391	ng		97
33) 4-Chloroaniline	8.21	127	141248	6.786	ng		98
34) Hexachlorobutadiene	8.27	225	253845	29.136	ng		98
35) Caprolactam	8.59	113	173741	39.570	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	494648	36.494	ng		97
37) 2-Methylnaphthalene	8.85	142	1320521	44.808	ng		98
38) 1-Methylnaphthalene	8.95	142	1178751	42.473	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	463150	32.979	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	64569	13.659	ng		96
43) 2,4,6-Trichlorophenol	9.13	196	331914	34.361	ng		100
44) 2,4,5-Trichlorophenol	9.18	196	348427	35.172	ng		94
46) 1,1'-Biphenyl	9.31	154	1355281	36.186	ng		97
47) 2-Chloronaphthalene	9.34	162	948846	31.479	ng		98
48) 2-Nitroaniline	9.44	65	348535	32.604	ng		94
49) Acenaphthylene	9.76	152	2460986	53.681	ng		99
50) Dimethylphthalate	9.61	163	1463185	42.993	ng		99
51) 2,6-Dinitrotoluene	9.67	165	263124	34.857	ng		96
52) Acenaphthene	9.93	154	876313	31.150	ng		100
53) 3-Nitroaniline	9.85	138	134108	14.312	ng		99
54) 2,4-Dinitrophenol	9.96	184	146390	42.061	ng		96
55) Dibenzofuran	10.10	168	1337595	32.425	ng		98
56) 4-Nitrophenol	10.03	139	377093	56.906	ng		97
57) 2,4-Dinitrotoluene	10.09	165	351533	34.310	ng		97
58) Fluorene	10.44	166	1154350	36.228	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	277989	32.522	ng	#	99
60) Diethylphthalate	10.31	149	1167900	33.774	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	503635	32.182	ng		97
62) 4-Nitroaniline	10.46	138	151973	15.434	ng		97
63) Azobenzene	10.59	77	1080236	32.273	ng		95
65) 4,6-Dinitro-2-methylphenol	10.50	198	105722	24.825	ng		75
66) n-Nitrosodiphenylamine	10.55	169	918680	34.153	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	317865	32.574	ng		97
68) Hexachlorobenzene	11.00	284	334324	30.969	ng		95
69) Atrazine	11.09	200	305504	36.497	ng		99
70) Pentachlorophenol	11.20	266	310760	60.726	ng		99
71) Phenanthrene	11.42	178	4290207	99.498	ng		96
72) Anthracene	11.46	178	1872676	43.240	ng		99
73) Carbazole	11.62	167	1324504	32.071	ng		99
74) Di-n-butylphthalate	11.94	149	1772938	37.262	ng		99
75) Fluoranthene	12.61	202	4721245	101.678	ng		94
78) Pyrene	12.85	202	6766298	191.042	ng		93
80) Butylbenzylphthalate	13.43	149	663468	44.505	ng		93
81) Benzo(a)anthracene	14.03	228	3438926	120.763	ng	#	83
82) 3,3'-Dichlorobenzidine	13.99	252	17839	1.615	ng	#	75
83) Chrysene	14.07	228	3420073	122.517	ng		96
84) Bis(2-ethylhexyl)phthalate	14.00	149	1011061	51.856	ng		99
85) Di-n-octyl phthalate	14.62	149	1538921	48.690	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	2301321	93.281	ng		98
88) Benzo(b)fluoranthene	15.11	252	4080138	109.812	ng	#	96
89) Benzo(k)fluoranthene	15.13	252	1751268m	51.310	ng		
90) Benzo(a)pyrene	15.48	252	3349138	102.420	ng		99
91) Dibenzo(a,h)anthracene	17.04	278	1133709	41.723	ng		99
92) Benzo(g,h,i)perylene	17.49	276	2280317	83.741	ng		98

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

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