Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114233.D
Acq On : 13 May 2019 17:08
Operator : JU/SJ
Sample : K2765-19MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/14/2019 8:03:17 PM

Quant Time: May 14 05:42:49 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	6.86	152	252942	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	956477	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	458845	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	855139	20.00	ng		0.01
76) Chrysene-d12	14.05	240	388966	20.00	ng		0.03
87) Perylene-d12	15.55	264	536479	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1594655	101.45	ng		0.02
7) Phenol-d6	6.51	99	2163449	116.38	ng		0.02
23) Nitrobenzene-d5	7.42	82	1435630	84.23	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	465346	98.10	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	1968458	64.89	ng		0.00
79) Terphenyl-d14	12.97	244	1672636	88.65	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	272588	31.552	ng		97
3) Pyridine	3.40	79	515016	21.636	ng		92
4) n-Nitrosodimethylamine	3.33	42	400419	34.884	ng		91
6) Aniline	6.52	93	155901	5.806	ng	#	1
8) 2-Chlorophenol	6.65	128	703491	41.925	ng		97
9) Benzaldehyde	6.40	77	335656	25.791	ng		100
10) Phenol	6.52	94	837704	38.306	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	717637	43.225	ng		97
12) 1,3-Dichlorobenzene	6.80	146	698859	37.104	ng		99
13) 1,4-Dichlorobenzene	6.87	146	710980	37.459	ng		97
14) 1,2-Dichlorobenzene	7.03	146	661008	38.120	ng		99
15) Benzyl Alcohol	7.00	79	589360	40.648	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1263939	39.263	ng		82
17) 2-Methylphenol	7.12	107	515617	37.407	ng	#	91
18) Hexachloroethane	7.37	117	251655	35.323	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	498074	42.270	ng		96
20) 3+4-Methylphenols	7.27	107	674172	42.333	ng	#	60
22) Acetophenone	7.26	105	960253	45.318	ng	#	89
24) Nitrobenzene	7.44	77	758167	43.676	ng		97
25) Isophorone	7.68	82	1394097	44.105	ng		99
26) 2-Nitrophenol	7.76	139	390577	46.376	ng		97
27) 2,4-Dimethylphenol	7.80	122	544006	41.128	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	902713	44.016	ng		100
29) 2,4-Dichlorophenol	8.00	162	581877	44.178	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	589113	39.334	ng		99
31) Naphthalene	8.16	128	2558690	57.269	ng		100
32) Benzoic acid	7.92	122	290717	33.336	ng		97
33) 4-Chloroaniline	8.21	127	138410	6.798	ng		99
34) Hexachlorobutadiene	8.27	225	317160	37.217	ng		98
35) Caprolactam	8.58	113	186915	43.521	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	610096	46.017	ng		100
37) 2-Methylnaphthalene	8.85	142	1546660	53.655	ng		98
38) 1-Methylnaphthalene	8.95	142	1375601	50.674	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	572526	41.191	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	145665	25.603	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	405199	42.383	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	425524	43.400	ng		98
46) 1,1'-Biphenyl	9.32	154	1615502	43.582	ng		99
47) 2-Chloronaphthalene	9.34	162	1162606	38.971	ng		99
48) 2-Nitroaniline	9.44	65	435160	41.131	ng		98
49) Acenaphthylene	9.76	152	2965889	65.367	ng		99
50) Dimethylphthalate	9.61	163	1757299	52.171	ng		98
51) 2,6-Dinitrotoluene	9.68	165	321842	43.079	ng		95
52) Acenaphthene	9.93	154	1070421	38.445	ng		99
53) 3-Nitroaniline	9.85	138	152011	16.391	ng		97
54) 2,4-Dinitrophenol	9.96	184	201691	55.907	ng		97
55) Dibenzofuran	10.10	168	1595448	39.078	ng		98
56) 4-Nitrophenol	10.03	139	452496	68.994	ng		93
57) 2,4-Dinitrotoluene	10.09	165	411318	40.563	ng	#	88
58) Fluorene	10.45	166	1425012	45.187	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	349498	41.313	ng	#	98
60) Diethylphthalate	10.31	149	1421412	41.532	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	620575	40.066	ng		96
62) 4-Nitroaniline	10.46	138	236605	24.279	ng		94
63) Azobenzene	10.59	77	1327793	40.081	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	145223	35.342	ng		82
66) n-Nitrosodiphenylamine	10.55	169	1139705	43.913	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	392571	41.694	ng		97
68) Hexachlorobenzene	11.00	284	417150	40.049	ng		96
69) Atrazine	11.09	200	370167	45.832	ng		97
70) Pentachlorophenol	11.20	266	382799	77.527	ng		100
71) Phenanthrene	11.42	178	5266411	126.586	ng		96
72) Anthracene	11.46	178	2430663	58.168	ng		99
73) Carbazole	11.62	167	1596600	40.067	ng		100
74) Di-n-butylphthalate	11.94	149	2155544	46.953	ng		98
75) Fluoranthene	12.62	202	6220380	138.842	ng		94
77) Benzidine	12.70	184	8171	0.468	ng	#	1
78) Pyrene	12.86	202	8971454	286.716	ng		94
80) Butylbenzylphthalate	13.44	149	824013	62.565	ng		99
81) Benzo(a)anthracene	14.04	228	4867491	193.476	ng	#	85
82) 3,3'-Dichlorobenzidine	13.99	252	18676	1.914	ng	#	88
83) Chrysene	14.08	228	4199589	170.285	ng		96
84) Bis(2-ethylhexyl)phthalate	14.00	149	1243902	72.214	ng		100
85) Di-n-octyl phthalate	14.63	149	1802894	64.566	ng		99
86) Indeno(1,2,3-cd)pyrene	17.06	276	2816963	129.243	ng		98
88) Benzo(b)fluoranthene	15.13	252	5825785m	169.502	ng		
89) Benzo(k)fluoranthene	15.16	252	1758830m	55.708	ng		
90) Benzo(a)pyrene	15.50	252	4065601	134.407	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	1394623	55.485	ng		99
92) Benzo(g,h,i)perylene	17.52	276	2820402	111.969	ng		99

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

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