Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117745.D
Acq On : 8 Nov 2019 21:37
Operator : JU
Sample : K5722-19MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-CMS

Manual Integrations APPROVED
mohammad
11/11/2019 8:06:27 AM

Quant Time: Nov 09 03:07:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	338924	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	1326433	20.00	ng		-0.01
39) Acenaphthene-d10	9.98	164	718190	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1367692	20.00	ng		0.00
76) Chrysene-d12	14.12	240	709062	20.00	ng		0.00
87) Perylene-d12	15.63	264	785924	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	2128915	113.70	ng		0.00
7) Phenol-d6	6.56	99	2795434	121.08	ng		0.00
23) Nitrobenzene-d5	7.49	82	1791692	79.75	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	861068	122.56	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	3101302	85.20	ng		0.00
79) Terphenyl-d14	13.06	244	3055283	88.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	338271	36.260	ng		99
3) Pyridine	3.55	79	896374	34.931	ng		97
4) n-Nitrosodimethylamine	3.50	42	474749	41.982	ng		97
6) Aniline	6.59	93	1221912	37.713	ng		98
8) 2-Chlorophenol	6.72	128	976031	46.860	ng		98
9) Benzaldehyde	6.47	77	536471	33.397	ng		98
10) Phenol	6.57	94	1188249m	47.765	ng		
11) bis(2-Chloroethyl)ether	6.66	93	919226	44.748	ng		98
12) 1,3-Dichlorobenzene	6.87	146	1039082	43.037	ng		98
13) 1,4-Dichlorobenzene	6.95	146	1062426	43.959	ng		98
14) 1,2-Dichlorobenzene	7.10	146	988044	44.400	ng		98
15) Benzyl Alcohol	7.07	79	878335	47.715	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1355102	41.721	ng		99
17) 2-Methylphenol	7.17	107	842009	47.069	ng		99
18) Hexachloroethane	7.45	117	383303	42.906	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	654747	43.132	ng		98
20) 3+4-Methylphenols	7.33	107	989789	46.466	ng		94
22) Acetophenone	7.34	105	1280748	42.246	ng	#	98
24) Nitrobenzene	7.52	77	1046327	44.599	ng		97
25) Isophorone	7.76	82	1922628	44.742	ng		100
26) 2-Nitrophenol	7.83	139	556146	51.062	ng		98
27) 2,4-Dimethylphenol	7.86	122	967147	52.663	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	1162142	42.131	ng		100
29) 2,4-Dichlorophenol	8.07	162	873006	46.141	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	931668	43.014	ng		98
31) Naphthalene	8.24	128	2784082	45.920	ng		100
32) Benzoic acid	7.99	122	732156	50.364	ng		94
33) 4-Chloroaniline	8.28	127	686736	24.377	ng		98
34) Hexachlorobutadiene	8.36	225	515642	41.572	ng		97
35) Caprolactam	8.66	113	309495m	49.352	ng		
36) 4-Chloro-3-methylphenol	8.76	107	924724	48.434	ng		98
37) 2-Methylnaphthalene	8.93	142	1944575	47.113	ng		100
38) 1-Methylnaphthalene	9.03	142	1832618	46.755	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	841446	42.826	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	866675	81.764	ng		98
43) 2,4,6-Trichlorophenol	9.21	196	656850	45.902	ng		99
44) 2,4,5-Trichlorophenol	9.25	196	710362	48.974	ng		99
46) 1,1'-Biphenyl	9.40	154	2299124	45.709	ng		99
47) 2-Chloronaphthalene	9.43	162	1812210	43.415	ng		99
48) 2-Nitroaniline	9.52	65	591150	45.192	ng		98
49) Acenaphthylene	9.85	152	2908071	47.839	ng		99
50) Dimethylphthalate	9.70	163	2478382	51.046	ng		99
51) 2,6-Dinitrotoluene	9.76	165	524573	48.250	ng	#	85
52) Acenaphthene	10.02	154	1856690	47.334	ng		99
53) 3-Nitroaniline	9.93	138	384904	29.345	ng		96
54) 2,4-Dinitrophenol	10.03	184	322956	86.648	ng	#	80
55) Dibenzofuran	10.19	168	2559324	46.628	ng		99
56) 4-Nitrophenol	10.09	139	892605	90.489	ng		97
57) 2,4-Dinitrotoluene	10.16	165	695223	49.849	ng	#	89
58) Fluorene	10.53	166	1869993	46.226	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	575958	47.767	ng		100
60) Diethylphthalate	10.40	149	2175078	45.553	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	951320	45.175	ng		98
62) 4-Nitroaniline	10.55	138	532174	41.222	ng		97
63) Azobenzene	10.69	77	2050380	45.338	ng		95
65) 4,6-Dinitro-2-methylphenol	10.57	198	252848	46.298	ng		85
66) n-Nitrosodiphenylamine	10.64	169	1786768	44.233	ng		99
67) 4-Bromophenyl-phenylether	11.02	248	652018	43.652	ng		96
68) Hexachlorobenzene	11.08	284	725905	42.069	ng		97
69) Atrazine	11.17	200	635547	47.745	ng		99
70) Pentachlorophenol	11.27	266	797600	82.687	ng		99
71) Phenanthrene	11.50	178	3107808	47.407	ng		100
72) Anthracene	11.55	178	2978390	45.666	ng		98
73) Carbazole	11.70	167	2633053	44.162	ng		100
74) Di-n-butylphthalate	12.03	149	3234804	44.619	ng		99
75) Fluoranthene	12.69	202	3642136	54.410	ng		98
77) Benzidine	12.80	184	994457	40.340	ng		98
78) Pyrene	12.92	202	3524429	68.091	ng		97
80) Butylbenzylphthalate	13.54	149	1295395	54.182	ng		91
81) Benzo(a)anthracene	14.11	228	2446262	55.425	ng		98
82) 3,3'-Dichlorobenzidine	14.07	252	646952	39.247	ng		97
83) Chrysene	14.15	228	2459781	56.434	ng		99
84) Bis(2-ethylhexyl)phthalate	14.10	149	1764200	57.204	ng		98
85) Di-n-octyl phthalate	14.72	149	2780041	57.284	ng		98
86) Indeno(1,2,3-cd)pyrene	17.17	276	2564776	63.222	ng		99
88) Benzo(b)fluoranthene	15.19	252	2925365	59.100	ng		99
89) Benzo(k)fluoranthene	15.22	252	1988205	45.035	ng		98
90) Benzo(a)pyrene	15.57	252	2216655	51.659	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	1931874	50.200	ng		99
92) Benzo(g,h,i)perylene	17.64	276	2129288	57.092	ng		100

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

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