Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043364.D
Acq On : 29 Oct 2019 00:04
Operator : JU
Sample : K5539-07MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Manual Integrations APPROVED
mohammad
10/29/2019 3:34:42 PM

Quant Time: Oct 29 13:48:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43540	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	162423	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	118262	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	273891	20.00	ng		0.00
76) Chrysene-d12	21.66	240	309423	20.00	ng		0.00
87) Perylene-d12	24.86	264	374583	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	250252	105.32	ng		0.00
7) Phenol-d6	7.22	99	355357	103.95	ng		0.01
23) Nitrobenzene-d5	9.19	82	211002	66.97	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	215734	95.86	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	473537	55.33	ng		0.00
79) Terphenyl-d14	20.01	244	854243	51.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	30645	33.096	ng		92
3) Pyridine	3.89	79	76885	32.917	ng		98
4) n-Nitrosodimethylamine	3.80	42	50164	42.562	ng		98
6) Aniline	7.36	93	129609	32.912	ng		93
8) 2-Chlorophenol	7.60	128	111872	42.652	ng		98
9) Benzaldehyde	7.16	77	59772	35.578	ng		85
10) Phenol	7.24	94	147745	47.295	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	88537	36.658	ng		99
12) 1,3-Dichlorobenzene	7.91	146	122233	37.195	ng		97
13) 1,4-Dichlorobenzene	8.06	146	122974	36.986	ng		99
14) 1,2-Dichlorobenzene	8.38	146	120558	37.136	ng		95
15) Benzyl Alcohol	8.27	79	97482	40.603	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	128764	36.665	ng		95
17) 2-Methylphenol	8.48	107	94764	41.612	ng		98
18) Hexachloroethane	9.11	117	43925	36.617	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	82233	37.226	ng		94
20) 3+4-Methylphenols	8.81	107	123950	39.692	ng		91
22) Acetophenone	8.84	105	160186	38.511	ng	#	99
24) Nitrobenzene	9.23	77	125384	41.778	ng		99
25) Isophorone	9.75	82	231635	40.214	ng		99
26) 2-Nitrophenol	9.94	139	61989	42.783	ng		98
27) 2,4-Dimethylphenol	10.01	122	102587	49.399	ng		95
28) bis(2-Chloroethoxy)methane	10.23	93	125316	39.419	ng		97
29) 2,4-Dichlorophenol	10.49	162	118429	44.508	ng		90
30) 1,2,4-Trichlorobenzene	10.69	180	135394	40.372	ng		98
31) Naphthalene	10.88	128	342567	41.551	ng		96
32) Benzoic acid	10.18	122	54270	36.822	ng		91
33) 4-Chloroaniline	11.00	127	63540	18.801	ng		96
34) Hexachlorobutadiene	11.16	225	98045	39.549	ng		88
35) Caprolactam	11.76	113	38292m	41.785	ng		
36) 4-Chloro-3-methylphenol	12.13	107	126109	43.450	ng		96
37) 2-Methylnaphthalene	12.48	142	264243	41.772	ng		98
38) 1-Methylnaphthalene	12.70	142	250786	41.666	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	172297	39.367	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	210661	91.627	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	112932	43.815	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	118764	45.577	ng		98
46) 1,1'-Biphenyl	13.48	154	355477	39.512	ng		98
47) 2-Chloronaphthalene	13.53	162	277648	40.560	ng		98
48) 2-Nitroaniline	13.74	65	82834	40.487	ng		95
49) Acenaphthylene	14.37	152	451770	42.405	ng		97
50) Dimethylphthalate	14.11	163	434996	47.488	ng		98
51) 2,6-Dinitrotoluene	14.23	165	83710	42.065	ng		98
52) Acenaphthene	14.71	154	270572	41.645	ng		99
53) 3-Nitroaniline	14.57	138	54113	28.164	ng		99
54) 2,4-Dinitrophenol	14.77	184	92142	74.681	ng		90
55) Dibenzofuran	15.05	168	443065	42.052	ng		99
56) 4-Nitrophenol	14.90	139	122628	95.241	ng		99
57) 2,4-Dinitrotoluene	15.01	165	118411	41.635	ng		99
58) Fluorene	15.70	166	369502	41.814	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	123186	44.495	ng	#	98
60) Diethylphthalate	15.46	149	369378	40.132	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	212356	41.193	ng		97
62) 4-Nitroaniline	15.73	138	77858	39.238	ng		96
63) Azobenzene	15.98	77	310989	41.749	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	75402	46.780	ng		90
66) n-Nitrosodiphenylamine	15.91	169	326634	42.241	ng		96
67) 4-Bromophenyl-phenylether	16.58	248	151389	41.072	ng		98
68) Hexachlorobenzene	16.70	284	167869	39.676	ng		98
69) Atrazine	16.85	200	144215	53.673	ng		94
70) Pentachlorophenol	17.05	266	185838	96.393	ng		97
71) Phenanthrene	17.44	178	643705	45.896	ng		100
72) Anthracene	17.53	178	637671	45.442	ng		99
73) Carbazole	17.80	167	555792	43.737	ng		100
74) Di-n-butylphthalate	18.35	149	654556	42.452	ng		98
75) Fluoranthene	19.45	202	885262	48.416	ng		99
77) Benzidine	19.63	184	333817	53.606	ng		99
78) Pyrene	19.81	202	881360	46.017	ng		99
80) Butylbenzylphthalate	20.69	149	298888	41.190	ng		99
81) Benzo(a)anthracene	21.65	228	865841	44.672	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	241717	32.244	ng		100
83) Chrysene	21.71	228	836442	43.435	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	440202	42.706	ng		99
85) Di-n-octyl phthalate	22.74	149	747710	42.756	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1088925	45.047	ng		99
88) Benzo(b)fluoranthene	23.85	252	908335	42.815	ng		97
89) Benzo(k)fluoranthene	23.91	252	913433	42.769	ng		97
90) Benzo(a)pyrene	24.71	252	859045	42.403	ng		98
91) Dibenzo(a,h)anthracene	28.57	278	892348	43.063	ng		98
92) Benzo(g,h,i)perylene	29.65	276	922106	45.113	ng		100

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

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