Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
Data File : BG044612.D
Acq On : 26 Feb 2020 20:43
Operator : CG/JU
Sample : L1367-08MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Manual Integrations APPROVED
mohammad
2/27/2020 4:59:00 PM

Quant Time: Feb 27 07:33:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	59265	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	248804	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	167264	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	388375	20.00	ng	0.00
76) Chrysene-d12	21.50	240	391122	20.00	ng	0.00
87) Perylene-d12	24.57	264	417394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	478836	129.63	ng	0.00
7) Phenol-d6	7.05	99	582208	115.15	ng	0.00
23) Nitrobenzene-d5	9.03	82	408512	84.59	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	309614	130.55	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	934763	80.03	ng	0.00
79) Terphenyl-d14	19.88	244	1685092	81.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	62137	38.550	ng	# 43
3) Pyridine	3.74	79	119978	26.676	ng	99
4) n-Nitrosodimethylamine	3.64	42	78550	45.985	ng	97
6) Aniline	7.20	93	143681	23.341	ng	98
8) 2-Chlorophenol	7.44	128	201082	49.870	ng	99
9) Benzaldehyde	7.01	77	72383	24.346	ng	97
10) Phenol	7.08	94	216202	44.126	ng	100
11) bis(2-Chloroethyl)ether	7.29	93	187754	45.582	ng	97
12) 1,3-Dichlorobenzene	7.76	146	206926	43.027	ng	98
13) 1,4-Dichlorobenzene	7.91	146	208730	43.187	ng	97
14) 1,2-Dichlorobenzene	8.23	146	197034	42.868	ng	98
15) Benzyl Alcohol	8.11	79	165290	48.474	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	239845	43.327	ng	99
17) 2-Methylphenol	8.33	107	163210	46.628	ng	98
18) Hexachloroethane	8.95	117	75863	42.949	ng	94
19) n-Nitroso-di-n-propylamine	8.68	70	146463	45.066	ng	98
20) 3+4-Methylphenols	8.65	107	221555	46.232	ng	99
22) Acetophenone	8.70	105	277448	44.415	ng	99
24) Nitrobenzene	9.07	77	207749	44.402	ng	99
25) Isophorone	9.60	82	408000	45.160	ng	99
26) 2-Nitrophenol	9.79	139	112926	44.504	ng	98
27) 2,4-Dimethylphenol	9.85	122	187970	52.759	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	254048	42.522	ng	98
29) 2,4-Dichlorophenol	10.33	162	199096	46.741	ng	97
30) 1,2,4-Trichlorobenzene	10.54	180	202287	41.064	ng	97
31) Naphthalene	10.72	128	593990	43.752	ng	99
32) Benzoic acid	10.02	122	58009	45.831	ng	98
33) 4-Chloroaniline	10.85	127	31866	5.329	ng	98
34) Hexachlorobutadiene	11.02	225	120107	38.824	ng	97
35) Caprolactam	11.61	113	59631m	39.106	ng	
36) 4-Chloro-3-methylphenol	11.97	107	213825	48.768	ng	97
37) 2-Methylnaphthalene	12.33	142	440639	43.916	ng	99
38) 1-Methylnaphthalene	12.56	142	421133	44.172	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	224048	39.789	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	196800	74.044	ng		99
43) 2,4,6-Trichlorophenol	12.95	196	164303	44.938	ng		100
44) 2,4,5-Trichlorophenol	13.03	196	179261	47.729	ng		98
46) 1,1'-Biphenyl	13.35	154	573159	41.408	ng		99
47) 2-Chloronaphthalene	13.39	162	446255	41.114	ng		98
48) 2-Nitroaniline	13.59	65	136300	45.237	ng		95
49) Acenaphthylene	14.24	152	716017	44.689	ng		100
50) Dimethylphthalate	13.97	163	634431	46.994	ng		100
51) 2,6-Dinitrotoluene	14.09	165	137235	46.092	ng		95
52) Acenaphthene	14.58	154	441232	43.202	ng		99
53) 3-Nitroaniline	14.42	138	69996	21.798	ng		100
54) 2,4-Dinitrophenol	14.63	184	127889	73.018	ng		95
55) Dibenzofuran	14.92	168	700007	44.707	ng		100
56) 4-Nitrophenol	14.75	139	221988	100.500	ng		99
57) 2,4-Dinitrotoluene	14.88	165	194969	46.576	ng		98
58) Fluorene	15.56	166	562058	45.274	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	169154	48.907	ng		99
60) Diethylphthalate	15.34	149	609874	45.593	ng		99
61) 4-Chlorophenyl-phenylether	15.56	204	295017	43.705	ng		98
62) 4-Nitroaniline	15.59	138	140433	43.676	ng		98
63) Azobenzene	15.85	77	531068	46.650	ng		99
65) 4,6-Dinitro-2-methylphenol	15.65	198	110307	45.870	ng		98
66) n-Nitrosodiphenylamine	15.78	169	533233	44.016	ng		99
67) 4-Bromophenyl-phenylether	16.45	248	200500	41.590	ng		100
68) Hexachlorobenzene	16.57	284	222253	40.777	ng		99
69) Atrazine	16.73	200	213462	47.663	ng		99
70) Pentachlorophenol	16.92	266	241711	89.662	ng		96
71) Phenanthrene	17.30	178	951043	44.231	ng		99
72) Anthracene	17.39	178	967200	45.645	ng		98
73) Carbazole	17.66	167	888787	46.081	ng		100
74) Di-n-butylphthalate	18.23	149	1084328	44.864	ng		98
75) Fluoranthene	19.31	202	1162380	45.667	ng		99
77) Benzidine	19.49	184	193486	14.441	ng		100
78) Pyrene	19.68	202	1166010	41.068	ng		98
80) Butylbenzylphthalate	20.57	149	509625	41.036	ng		99
81) Benzo(a)anthracene	21.49	228	1144074	41.619	ng		99
82) 3,3'-Dichlorobenzidine	21.40	252	220013	20.259	ng		99
83) Chrysene	21.55	228	1096464	41.254	ng		98
84) Bis(2-ethylhexyl)phthalate	21.40	149	729371	42.623	ng		99
85) Di-n-octyl phthalate	22.56	149	1266081	42.053	ng		99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1429528	41.910	ng	#	87
88) Benzo(b)fluoranthene	23.61	252	1235480	45.020	ng		99
89) Benzo(k)fluoranthene	23.67	252	1186164	44.547	ng		100
90) Benzo(a)pyrene	24.43	252	1132887	43.937	ng		99
91) Dibenzo(a,h)anthracene	28.10	278	1169743	45.872	ng		99
92) Benzo(g,h,i)perylene	29.14	276	1196069	46.815	ng		99

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

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