Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044993.D
Acq On : 15 Apr 2020 22:16
Operator : CG/JU
Sample : L2123-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-04-041420MS

Manual Integrations APPROVED
mohammad
4/16/2020 12:55:00 PM

Quant Time: Apr 16 05:22:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	67210	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	273249	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	221786	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	568243	20.00	ng		0.00
76) Chrysene-d12	21.67	240	544780	20.00	ng		0.00
87) Perylene-d12	24.85	264	596229	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	589754	144.87	ng		0.00
7) Phenol-d6	7.18	99	778852	128.77	ng		0.00
23) Nitrobenzene-d5	9.18	82	615734	102.82	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	552071	161.13	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1490215	98.52	ng		0.00
79) Terphenyl-d14	20.01	244	2697047	107.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	84694	46.813	ng	#	35
3) Pyridine	3.89	79	156524	28.099	ng		97
4) n-Nitrosodimethylamine	3.79	42	84006	49.228	ng		93
6) Aniline	7.35	93	145325	18.479	ng		96
8) 2-Chlorophenol	7.59	128	246649	56.374	ng		99
9) Benzaldehyde	7.15	77	101984	26.730	ng		92
10) Phenol	7.21	94	276586	45.697	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	239012	49.598	ng		99
12) 1,3-Dichlorobenzene	7.92	146	237560	46.078	ng		98
13) 1,4-Dichlorobenzene	8.06	146	241117	46.935	ng		99
14) 1,2-Dichlorobenzene	8.38	146	230246	46.848	ng		98
15) Benzyl Alcohol	8.26	79	259967	51.264	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	225962	47.768	ng		98
17) 2-Methylphenol	8.46	107	227155	48.643	ng		95
18) Hexachloroethane	9.12	117	88612	45.883	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	222436	52.001	ng		99
20) 3+4-Methylphenols	8.79	107	320332	49.007	ng		99
22) Acetophenone	8.84	105	394686	53.413	ng	#	98
24) Nitrobenzene	9.22	77	318293	51.852	ng		98
25) Isophorone	9.75	82	638966	52.102	ng		98
26) 2-Nitrophenol	9.94	139	145731	55.115	ng		98
27) 2,4-Dimethylphenol	10.00	122	249221	59.403	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	348749	54.124	ng		99
29) 2,4-Dichlorophenol	10.48	162	282101	58.232	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	273764	49.912	ng		94
31) Naphthalene	10.88	128	770882	51.571	ng		98
32) Benzoic acid	10.14	122	162046	47.837	ng		95
33) 4-Chloroaniline	10.99	127	21189	3.039	ng		95
34) Hexachlorobutadiene	11.18	225	183885	48.898	ng		98
35) Caprolactam	11.75	113	88021m	45.653	ng		
36) 4-Chloro-3-methylphenol	12.11	107	337795	59.356	ng		94
37) 2-Methylnaphthalene	12.49	142	615778	53.073	ng		98
38) 1-Methylnaphthalene	12.71	142	603989	55.143	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	337234	47.226	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	449795	100.779 ng	96
43) 2,4,6-Trichlorophenol	13.09	196	267540	53.085 ng	95
44) 2,4,5-Trichlorophenol	13.16	196	292225	50.940 ng	98
46) 1,1'-Biphenyl	13.49	154	824309	48.899 ng	99
47) 2-Chloronaphthalene	13.53	162	634755	49.280 ng	99
48) 2-Nitroaniline	13.73	65	216644	51.120 ng	94
49) Acenaphthylene	14.38	152	1093746	52.131 ng	99
50) Dimethylphthalate	14.12	163	957338	53.012 ng	98
51) 2,6-Dinitrotoluene	14.22	165	221314	54.791 ng	99
52) Acenaphthene	14.73	154	847657m	59.713 ng	
53) 3-Nitroaniline	14.55	138	37823	8.538 ng	93
54) 2,4-Dinitrophenol	14.76	184	295277	122.937 ng	98
55) Dibenzofuran	15.06	168	1079812	52.175 ng	98
56) 4-Nitrophenol	14.87	139	333487	97.087 ng	97
57) 2,4-Dinitrotoluene	15.01	165	326014	55.229 ng	95
58) Fluorene	15.71	166	916204	54.198 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	294344	57.665 ng	98
60) Diethylphthalate	15.48	149	1007132	53.491 ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	499827	51.369 ng	98
62) 4-Nitroaniline	15.72	138	189185	41.173 ng	98
63) Azobenzene	16.00	77	941451	54.235 ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	213153	57.068 ng	98
66) n-Nitrosodiphenylamine	15.91	169	821364	50.308 ng	99
67) 4-Bromophenyl-phenylether	16.59	248	355916	48.551 ng	95
68) Hexachlorobenzene	16.72	284	388872	51.148 ng	98
69) Atrazine	16.86	200	229204	37.716 ng	99
70) Pentachlorophenol	17.06	266	506498	108.595 ng	98
71) Phenanthrene	17.45	178	1536476	52.618 ng	98
72) Anthracene	17.54	178	1564967	53.428 ng	98
73) Carbazole	17.80	167	1434710	48.266 ng	100
74) Di-n-butylphthalate	18.37	149	1746376	55.371 ng	98
75) Fluoranthene	19.46	202	1921833	57.742 ng	97
77) Benzidine	19.65	184	269966m	12.855 ng	
78) Pyrene	19.81	202	1891179	50.354 ng	98
80) Butylbenzylphthalate	20.70	149	795382	51.091 ng	99
81) Benzo(a)anthracene	21.65	228	1827601	51.760 ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	139652	9.937 ng	95
83) Chrysene	21.72	228	1757010	51.790 ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	1133323	52.931 ng	100
85) Di-n-octyl phthalate	22.78	149	1927160	52.049 ng	99
86) Indeno(1,2,3-cd)pyrene	28.48	276	2424843	53.834 ng	99
88) Benzo(b)fluoranthene	23.86	252	2052554	54.958 ng	99
89) Benzo(k)fluoranthene	23.92	252	1931275	54.375 ng	100
90) Benzo(a)pyrene	24.71	252	1861088	52.779 ng	100
91) Dibenzo(a,h)anthracene	28.55	278	1968579	55.404 ng	97
92) Benzo(g,h,i)perylene	29.62	276	1957088	54.940 ng	99

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

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