Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
Data File : BG045445.D
Acq On : 21 May 2020 18:21
Operator : CG/JU
Sample : L2506-17MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

Manual Integrations APPROVED
mohammad
5/22/2020 2:56:23 PM

Quant Time: May 21 19:03:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	67452	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	268189	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	202419	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	475547	20.00	ng		0.00
76) Chrysene-d12	21.61	240	448905	20.00	ng		0.00
87) Perylene-d12	24.76	264	474069	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	528619	153.16	ng		0.00
7) Phenol-d6	7.19	99	707050	143.93	ng		0.00
23) Nitrobenzene-d5	9.13	82	521552	106.05	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	415755	160.60	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1207788	101.21	ng		0.00
79) Terphenyl-d14	19.97	244	2088463	108.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	67293	39.317	ng	#	63
3) Pyridine	3.82	79	151769	31.839	ng		95
4) n-Nitrosodimethylamine	3.72	42	74233	47.591	ng	#	97
6) Aniline	7.30	93	134953	21.044	ng		99
8) 2-Chlorophenol	7.55	128	200789	53.049	ng		96
9) Benzaldehyde	7.10	77	114009	35.621	ng		95
10) Phenol	7.21	94	242346	47.866	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	194070	49.142	ng		98
12) 1,3-Dichlorobenzene	7.85	146	215031	47.275	ng		99
13) 1,4-Dichlorobenzene	8.00	146	215745	48.064	ng		98
14) 1,2-Dichlorobenzene	8.32	146	202995	47.019	ng		98
15) Benzyl Alcohol	8.22	79	209706	51.675	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	177742	47.415	ng		96
17) 2-Methylphenol	8.45	107	186519	49.219	ng		98
18) Hexachloroethane	9.05	117	83381	48.501	ng		91
19) n-Nitroso-di-n-propylamine	8.77	70	178695	52.603	ng		97
20) 3+4-Methylphenols	8.78	107	243328m	47.152	ng		
22) Acetophenone	8.79	105	321595	50.594	ng	#	93
24) Nitrobenzene	9.17	77	263928	50.089	ng		97
25) Isophorone	9.69	82	490967	50.691	ng		98
26) 2-Nitrophenol	9.88	139	119022	52.803	ng		94
27) 2,4-Dimethylphenol	9.97	122	199890	59.791	ng		97
28) bis(2-Chloroethoxy)methane	10.17	93	267294	52.623	ng		96
29) 2,4-Dichlorophenol	10.45	162	223183	56.533	ng		99
30) 1,2,4-Trichlorobenzene	10.64	180	238362	51.096	ng		98
31) Naphthalene	10.82	128	646078	51.697	ng		99
32) Benzoic acid	10.16	122	134069	56.675	ng		92
33) 4-Chloroaniline	10.95	127	25987	4.975	ng		95
34) Hexachlorobutadiene	11.11	225	162747	49.355	ng		99
35) Caprolactam	11.71	113	66009m	45.553	ng		
36) 4-Chloro-3-methylphenol	12.11	107	253787	57.049	ng		100
37) 2-Methylnaphthalene	12.43	142	492268	52.848	ng		95
38) 1-Methylnaphthalene	12.65	142	470266m	53.445	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	281440	49.778	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	374667	114.812 ng	99
43) 2,4,6-Trichlorophenol	13.05	196	206315	52.530 ng	97
44) 2,4,5-Trichlorophenol	13.15	196	221890	49.439 ng	96
46) 1,1'-Biphenyl	13.44	154	652464	52.458 ng	99
47) 2-Chloronaphthalene	13.48	162	497115	49.220 ng	99
48) 2-Nitroaniline	13.69	65	159971	48.151 ng	87
49) Acenaphthylene	14.33	152	839663	51.758 ng	99
50) Dimethylphthalate	14.06	163	707117	50.924 ng	98
51) 2,6-Dinitrotoluene	14.18	165	161114	51.419 ng	97
52) Acenaphthene	14.67	154	497057	45.772 ng	99
53) 3-Nitroaniline	14.52	138	42787	13.433 ng	97
54) 2,4-Dinitrophenol	14.72	184	207398	99.608 ng	97
55) Dibenzofuran	15.01	168	809185	50.178 ng	98
56) 4-Nitrophenol	14.89	139	223275	92.588 ng	90
57) 2,4-Dinitrotoluene	14.97	165	228033	50.251 ng	93
58) Fluorene	15.65	166	675294	50.971 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	211104	53.463 ng	96
60) Diethylphthalate	15.43	149	717704	49.658 ng	98
61) 4-Chlorophenyl-phenylether	15.65	204	377397	49.780 ng	100
62) 4-Nitroaniline	15.69	138	127044	38.206 ng	96
63) Azobenzene	15.94	77	669416	49.673 ng	96
65) 4,6-Dinitro-2-methylphenol	15.74	198	151268	54.618 ng	98
66) n-Nitrosodiphenylamine	15.87	169	545252	47.754 ng	95
67) 4-Bromophenyl-phenylether	16.54	248	268685	52.178 ng	97
68) Hexachlorobenzene	16.67	284	285495	53.008 ng	95
69) Atrazine	16.81	200	122306	26.007 ng	97
70) Pentachlorophenol	17.02	266	322535	115.333 ng	96
71) Phenanthrene	17.40	178	1090643	52.535 ng	99
72) Anthracene	17.49	178	1130585	54.230 ng	97
73) Carbazole	17.76	167	905241	44.545 ng	99
74) Di-n-butylphthalate	18.32	149	1223447	50.159 ng	98
75) Fluoranthene	19.41	202	1371359	51.934 ng	97
77) Benzidine	19.61	184	83406	6.615 ng	94
78) Pyrene	19.77	202	1382837	54.039 ng	99
80) Butylbenzylphthalate	20.65	149	556891	50.419 ng	98
81) Benzo(a)anthracene	21.59	228	1312997	52.505 ng	98
82) 3,3'-Dichlorobenzidine	21.51	252	80949	8.252 ng	99
83) Chrysene	21.66	228	1247831	51.895 ng	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	766919	50.511 ng	98
85) Di-n-octyl phthalate	22.70	149	1311049	50.276 ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1675396	53.283 ng	99
88) Benzo(b)fluoranthene	23.77	252	1422178	55.936 ng	99
89) Benzo(k)fluoranthene	23.84	252	1346682	56.379 ng	99
90) Benzo(a)pyrene	24.62	252	1281469	54.119 ng	97
91) Dibenzo(a,h)anthracene	28.41	278	1367137	57.455 ng	98
92) Benzo(g,h,i)perylene	29.45	276	1383589	58.139 ng	98

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

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