Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044588.D
Acq On : 25 Feb 2020 22:34
Operator : CG/JU
Sample : L1655-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-AA1-BB1-AA1A-BB1AM

Manual Integrations APPROVED
mohammad
2/27/2020 5:03:08 PM

Quant Time: Feb 26 05:56:31 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	58975	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	250686	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	167664	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	389903	20.00	ng	0.00
76) Chrysene-d12	21.50	240	367831	20.00	ng	0.00
87) Perylene-d12	24.56	264	418987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	398115	108.31	ng	0.00
7) Phenol-d6	7.05	99	526657	104.68	ng	0.00
23) Nitrobenzene-d5	9.03	82	307723	63.24	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	228822	96.25	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	731912	62.51	ng	0.00
79) Terphenyl-d14	19.88	244	1319221	67.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	61482	38.331	ng	99
3) Pyridine	3.72	79	152661	34.110	ng	98
4) n-Nitrosodimethylamine	3.64	42	77490	45.587	ng	99
6) Aniline	7.20	93	141339	23.073	ng	99
8) 2-Chlorophenol	7.44	128	191832	47.810	ng	98
9) Benzaldehyde	7.00	77	74112	25.050	ng	99
10) Phenol	7.08	94	235370	48.274	ng	98
11) bis(2-Chloroethyl)ether	7.29	93	174047	42.462	ng	95
12) 1,3-Dichlorobenzene	7.76	146	200978	41.996	ng	97
13) 1,4-Dichlorobenzene	7.91	146	202883	42.183	ng	98
14) 1,2-Dichlorobenzene	8.23	146	190101	41.563	ng	98
15) Benzyl Alcohol	8.11	79	152196	44.853	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	224561	40.765	ng	99
17) 2-Methylphenol	8.32	107	159580	45.815	ng	97
18) Hexachloroethane	8.95	117	72388	41.184	ng	99
19) n-Nitroso-di-n-propylamine	8.68	70	135585	41.924	ng	98
20) 3+4-Methylphenols	8.65	107	216231	45.343	ng	97
22) Acetophenone	8.70	105	256450	40.746	ng	100
24) Nitrobenzene	9.07	77	192838	40.905	ng	98
25) Isophorone	9.60	82	371442	40.805	ng	98
26) 2-Nitrophenol	9.79	139	107731	42.138	ng	97
27) 2,4-Dimethylphenol	9.85	122	176615	49.200	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	235205	39.072	ng	98
29) 2,4-Dichlorophenol	10.33	162	188928	44.021	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	191385	38.559	ng	99
31) Naphthalene	10.72	128	554533	40.539	ng	98
32) Benzoic acid	10.02	122	63335	47.841	ng	98
33) 4-Chloroaniline	10.84	127	60794	10.090	ng	98
34) Hexachlorobutadiene	11.02	225	114973	36.886	ng	97
35) Caprolactam	11.60	113	70179m	45.678	ng	
36) 4-Chloro-3-methylphenol	11.97	107	201454	45.601	ng	99
37) 2-Methylnaphthalene	12.33	142	416233	41.172	ng	99
38) 1-Methylnaphthalene	12.56	142	395093	41.129	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	208437	36.928	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	205759	76.861	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	153600	41.910	ng	98
44) 2,4,5-Trichlorophenol	13.03	196	166981	44.353	ng	96
46) 1,1'-Biphenyl	13.35	154	534315	38.509	ng	97
47) 2-Chloronaphthalene	13.39	162	416981	38.325	ng	99
48) 2-Nitroaniline	13.59	65	124668	41.278	ng	98
49) Acenaphthylene	14.24	152	669634	41.695	ng	100
50) Dimethylphthalate	13.97	163	578855	42.775	ng	99
51) 2,6-Dinitrotoluene	14.09	165	126503	42.386	ng	99
52) Acenaphthene	14.58	154	409327	39.982	ng	100
53) 3-Nitroaniline	14.42	138	58572	18.197	ng	96
54) 2,4-Dinitrophenol	14.63	184	124092	70.981	ng	96
55) Dibenzofuran	14.92	168	652488	41.573	ng	99
56) 4-Nitrophenol	14.75	139	230378	104.050	ng	96
57) 2,4-Dinitrotoluene	14.88	165	179228	42.713	ng	98
58) Fluorene	15.56	166	522820	42.013	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	155185	44.761	ng	98
60) Diethylphthalate	15.34	149	568388	42.390	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	276883	40.921	ng	99
62) 4-Nitroaniline	15.59	138	128128	39.754	ng	97
63) Azobenzene	15.85	77	496518	43.511	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	106757	44.220	ng	99
66) n-Nitrosodiphenylamine	15.77	169	497680	40.920	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	187002	38.638	ng	98
68) Hexachlorobenzene	16.57	284	207833	37.982	ng	98
69) Atrazine	16.73	200	199045	44.270	ng	98
70) Pentachlorophenol	16.92	266	221002	82.308	ng	98
71) Phenanthrene	17.30	178	880329	40.782	ng	99
72) Anthracene	17.39	178	907930	42.680	ng	99
73) Carbazole	17.66	167	828666	42.795	ng	100
74) Di-n-butylphthalate	18.23	149	1021065	42.081	ng	98
75) Fluoranthene	19.31	202	1083073	42.384	ng	99
77) Benzidine	19.49	184	335568	26.632	ng	98
78) Pyrene	19.68	202	1090724	40.849	ng	99
80) Butylbenzylphthalate	20.57	149	477990	40.926	ng	99
81) Benzo(a)anthracene	21.49	228	1065579	41.218	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	190744	18.676	ng	99
83) Chrysene	21.55	228	1017165	40.694	ng	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	686841	42.679	ng	99
85) Di-n-octyl phthalate	22.56	149	1187399	41.936	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1318471	41.102	ng	100
88) Benzo(b)fluoranthene	23.60	252	1160741	42.136	ng	100
89) Benzo(k)fluoranthene	23.67	252	1082314	40.492	ng	100
90) Benzo(a)pyrene	24.43	252	1043728	40.326	ng	99
91) Dibenzo(a,h)anthracene	28.10	278	1091148	42.627	ng	100
92) Benzo(g,h,i)perylene	29.14	276	1109950	43.279	ng	100

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

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