Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044592.D
Acq On : 26 Feb 2020 1:12
Operator : CG/JU
Sample : L1603-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HAM-WC-S-SB-010203MS

Manual Integrations APPROVED
mohammad
2/27/2020 5:03:10 PM

Quant Time: Feb 26 06:04:01 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	61054	20.00	ng		0.00
21) Naphthalene-d8	10.67	136	243698	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	163513	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	384796	20.00	ng		0.00
76) Chrysene-d12	21.50	240	382403	20.00	ng		0.00
87) Perylene-d12	24.57	264	410576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	475548	124.97	ng		0.01
7) Phenol-d6	7.05	99	568733	109.19	ng		0.00
23) Nitrobenzene-d5	9.03	82	404455	85.50	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	303755	131.01	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	925695	81.07	ng		0.00
79) Terphenyl-d14	19.88	244	1672224	82.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	60837	36.638	ng	#	40
3) Pyridine	3.74	79	124656	26.904	ng		97
4) n-Nitrosodimethylamine	3.64	42	77955	44.299	ng		94
6) Aniline	7.20	93	62940	9.925	ng		99
8) 2-Chlorophenol	7.44	128	192011	46.225	ng		98
9) Benzaldehyde	7.01	77	24406	7.968	ng		97
10) Phenol	7.08	94	201254	39.871	ng		100
11) bis(2-Chloroethyl)ether	7.29	93	181384	42.746	ng		95
12) 1,3-Dichlorobenzene	7.76	146	203032	40.981	ng		98
13) 1,4-Dichlorobenzene	7.91	146	203818	40.935	ng		98
14) 1,2-Dichlorobenzene	8.23	146	192491	40.653	ng		99
15) Benzyl Alcohol	8.11	79	156818	44.642	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	231605	40.613	ng		98
17) 2-Methylphenol	8.32	107	158262	43.889	ng		97
18) Hexachloroethane	8.96	117	73676	40.489	ng		98
19) n-Nitroso-di-n-propylamine	8.68	70	139361	41.624	ng		98
20) 3+4-Methylphenols	8.66	107	214393	43.427	ng		99
22) Acetophenone	8.69	105	266359	43.534	ng	#	99
24) Nitrobenzene	9.08	77	199551	43.543	ng		99
25) Isophorone	9.60	82	389193	43.981	ng		99
26) 2-Nitrophenol	9.79	139	109621	44.106	ng		98
27) 2,4-Dimethylphenol	9.86	122	180072	51.601	ng		100
28) bis(2-Chloroethoxy)methane	10.08	93	243112	41.544	ng		99
29) 2,4-Dichlorophenol	10.33	162	187864	45.029	ng		95
30) 1,2,4-Trichlorobenzene	10.54	180	195012	40.417	ng		98
31) Naphthalene	10.72	128	574078	43.171	ng		99
32) Benzoic acid	10.02	122	47022	41.412	ng		92
33) 4-Chloroaniline	10.85	127	12826	2.190	ng		98
34) Hexachlorobutadiene	11.02	225	117785	38.871	ng		98
35) Caprolactam	11.61	113	56277m	37.680	ng		
36) 4-Chloro-3-methylphenol	11.97	107	204644	47.652	ng		97
37) 2-Methylnaphthalene	12.34	142	427078	43.456	ng		99
38) 1-Methylnaphthalene	12.55	142	406180	43.496	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	216555	39.340	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	212112	80.755	ng	100
43) 2,4,6-Trichlorophenol	12.95	196	157899	44.177	ng	97
44) 2,4,5-Trichlorophenol	13.03	196	170500	46.437	ng	96
46) 1,1'-Biphenyl	13.35	154	550084	40.652	ng	98
47) 2-Chloronaphthalene	13.39	162	429620	40.489	ng	99
48) 2-Nitroaniline	13.59	65	128559	43.647	ng	97
49) Acenaphthylene	14.23	152	690653	44.095	ng	99
50) Dimethylphthalate	13.98	163	586580	44.446	ng	99
51) 2,6-Dinitrotoluene	14.09	165	133607	45.902	ng	95
52) Acenaphthene	14.58	154	428494	42.917	ng	100
53) 3-Nitroaniline	14.42	138	28306	9.017	ng	93
54) 2,4-Dinitrophenol	14.63	184	144992	83.186	ng	96
55) Dibenzofuran	14.92	168	675654	44.142	ng	98
56) 4-Nitrophenol	14.75	139	222387	102.990	ng	98
57) 2,4-Dinitrotoluene	14.88	165	189892	46.404	ng	98
58) Fluorene	15.56	166	544912	44.900	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	162680	48.114	ng	99
60) Diethylphthalate	15.34	149	595450	45.535	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	286538	43.423	ng	100
62) 4-Nitroaniline	15.59	138	120825	38.440	ng	98
63) Azobenzene	15.85	77	516449	46.406	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	115847	48.622	ng	97
66) n-Nitrosodiphenylamine	15.77	169	518032	43.159	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	196069	41.049	ng	98
68) Hexachlorobenzene	16.57	284	216681	40.124	ng	99
69) Atrazine	16.73	200	185347	41.770	ng	99
70) Pentachlorophenol	16.92	266	245422	91.705	ng	98
71) Phenanthrene	17.30	178	920379	43.203	ng	99
72) Anthracene	17.40	178	943949	44.962	ng	99
73) Carbazole	17.66	167	867495	45.395	ng	99
74) Di-n-butylphthalate	18.23	149	1068200	44.608	ng	99
75) Fluoranthene	19.31	202	1133193	44.934	ng	99
77) Benzidine	19.51	184	127050	9.699	ng	97
78) Pyrene	19.68	202	1141489	41.121	ng	99
80) Butylbenzylphthalate	20.57	149	494082	40.691	ng	98
81) Benzo(a)anthracene	21.49	228	1109503	41.282	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	204103	19.223	ng	99
83) Chrysene	21.55	228	1062542	40.889	ng	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	711151	42.506	ng	99
85) Di-n-octyl phthalate	22.56	149	1234423	41.936	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1387337	41.601	ng	100
88) Benzo(b)fluoranthene	23.61	252	1197097	44.346	ng	99
89) Benzo(k)fluoranthene	23.66	252	1152808	44.013	ng	100
90) Benzo(a)pyrene	24.43	252	1080948	42.619	ng	98
91) Dibenzo(a,h)anthracene	28.11	278	1143774	45.598	ng	99
92) Benzo(g,h,i)perylene	29.14	276	1153794	45.911	ng	99

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

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