Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
Data File : BG044344.D
Acq On : 7 Feb 2020 19:36
Operator : CG/JU
Sample : L1431-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
06MS

Manual Integrations APPROVED
mohammad
2/11/2020 8:26:10 AM

Quant Time: Feb 08 03:03:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	90381	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	368224	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	229314	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	479790	20.00	ng		0.00
76) Chrysene-d12	21.54	240	442001	20.00	ng		0.00
87) Perylene-d12	24.63	264	475264	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	568196	110.95	ng		0.00
7) Phenol-d6	7.09	99	742840	108.02	ng		0.00
23) Nitrobenzene-d5	9.07	82	443954	68.07	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	273713	101.68	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	968583	70.73	ng		0.00
79) Terphenyl-d14	19.91	244	1381398	64.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	86857	37.749	ng		100
3) Pyridine	3.78	79	212313	34.634	ng		99
4) n-Nitrosodimethylamine	3.69	42	108320	42.286	ng		99
6) Aniline	7.24	93	221139	25.906	ng		100
8) 2-Chlorophenol	7.48	128	267031	47.444	ng		97
9) Benzaldehyde	7.05	77	116705	29.797	ng		98
10) Phenol	7.11	94	324354	47.657	ng		98
11) bis(2-Chloroethyl)ether	7.33	93	242174	41.621	ng		98
12) 1,3-Dichlorobenzene	7.80	146	274078	40.785	ng		98
13) 1,4-Dichlorobenzene	7.95	146	275206	41.349	ng		99
14) 1,2-Dichlorobenzene	8.26	146	259953	41.321	ng		99
15) Benzyl Alcohol	8.15	79	215154	44.191	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	315135	40.015	ng		100
17) 2-Methylphenol	8.36	107	220171	45.341	ng		99
18) Hexachloroethane	9.00	117	100998	40.438	ng		97
19) n-Nitroso-di-n-propylamine	8.72	70	187977	41.014	ng		96
20) 3+4-Methylphenols	8.69	107	300320	44.876	ng		97
22) Acetophenone	8.73	105	354896	39.619	ng	#	98
24) Nitrobenzene	9.11	77	264041	41.468	ng		98
25) Isophorone	9.63	82	501158	41.225	ng		98
26) 2-Nitrophenol	9.82	139	147082	44.517	ng		98
27) 2,4-Dimethylphenol	9.89	122	240743	51.619	ng		99
28) bis(2-Chloroethoxy)methane	10.12	93	323007	39.830	ng		100
29) 2,4-Dichlorophenol	10.36	162	252441	44.764	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	262732	40.630	ng		99
31) Naphthalene	10.76	128	756724	42.358	ng		99
32) Benzoic acid	10.05	122	98941	36.870	ng		89
33) 4-Chloroaniline	10.87	127	108017	13.294	ng		97
34) Hexachlorobutadiene	11.06	225	155447	39.067	ng		96
35) Caprolactam	11.63	113	88293m	42.740	ng		
36) 4-Chloro-3-methylphenol	12.00	107	258805	43.771	ng		96
37) 2-Methylnaphthalene	12.37	142	554792	41.826	ng		98
38) 1-Methylnaphthalene	12.59	142	524513	41.943	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	276433	40.299	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	334195	101.536 ng	99
43) 2,4,6-Trichlorophenol	12.98	196	195724	44.143 ng	98
44) 2,4,5-Trichlorophenol	13.06	196	205269	45.326 ng	99
46) 1,1'-Biphenyl	13.38	154	691500	41.806 ng	100
47) 2-Chloronaphthalene	13.42	162	541716	41.157 ng	99
48) 2-Nitroaniline	13.62	65	156309	40.240 ng	97
49) Acenaphthylene	14.27	152	846699	43.858 ng	99
50) Dimethylphthalate	14.01	163	713365	43.277 ng	100
51) 2,6-Dinitrotoluene	14.12	165	156533	42.590 ng	99
52) Acenaphthene	14.61	154	522162	41.729 ng	98
53) 3-Nitroaniline	14.45	138	86473	21.266 ng	98
54) 2,4-Dinitrophenol	14.66	184	173356	79.640 ng	99
55) Dibenzofuran	14.95	168	804134	42.444 ng	100
56) 4-Nitrophenol	14.77	139	277606	93.203 ng	98
57) 2,4-Dinitrotoluene	14.91	165	212364	41.226 ng	97
58) Fluorene	15.60	166	631620	42.328 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	181950	44.480 ng	99
60) Diethylphthalate	15.37	149	675990	41.157 ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	330975	40.907 ng	99
62) 4-Nitroaniline	15.61	138	150479	37.036 ng	97
63) Azobenzene	15.89	77	608472	42.269 ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	130719	49.357 ng	97
66) n-Nitrosodiphenylamine	15.80	169	588505	43.769 ng	100
67) 4-Bromophenyl-phenylether	16.48	248	214761	41.085 ng	98
68) Hexachlorobenzene	16.61	284	238100	40.657 ng	100
69) Atrazine	16.75	200	219339	47.594 ng	99
70) Pentachlorophenol	16.95	266	259106	87.199 ng	96
71) Phenanthrene	17.34	178	1008700	43.417 ng	99
72) Anthracene	17.42	178	1027450	44.731 ng	99
73) Carbazole	17.69	167	917196	43.314 ng	99
74) Di-n-butylphthalate	18.26	149	1133842	43.330 ng	99
75) Fluoranthene	19.35	202	1198624	44.598 ng	100
77) Benzidine	19.52	184	221398	18.059 ng	98
78) Pyrene	19.70	202	1192437	42.009 ng	99
80) Butylbenzylphthalate	20.60	149	520583	40.244 ng	99
81) Benzo(a)anthracene	21.52	228	1104063	40.530 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	224882	21.270 ng	100
83) Chrysene	21.58	228	1074521	40.808 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	733022	41.170 ng	100
85) Di-n-octyl phthalate	22.61	149	1280091	41.553 ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1366727	39.785 ng	100
88) Benzo(b)fluoranthene	23.65	252	1197669	43.732 ng	99
89) Benzo(k)fluoranthene	23.72	252	1142454	42.802 ng	99
90) Benzo(a)pyrene	24.49	252	1094709	42.277 ng	99
91) Dibenzo(a,h)anthracene	28.19	278	1113318	43.445 ng	99
92) Benzo(g,h,i)perylene	29.23	276	1154618	45.008 ng	97

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

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