Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
Data File : BG044338.D
Acq On : 7 Feb 2020 15:39
Operator : CG/JU
Sample : PB126671BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 08 02:52:01 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

Instrument :
BNA_G
ClientSampleId :
PB126671BS

Manual Integrations APPROVED
mohammad
2/11/2020 8:25:55 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	77648	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	320653	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	208285	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	442868	20.00	ng	0.00
76) Chrysene-d12	21.54	240	387772	20.00	ng	0.00
87) Perylene-d12	24.63	264	444224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	444019	100.92	ng	0.00
7) Phenol-d6	7.09	99	584103	98.86	ng	0.00
23) Nitrobenzene-d5	9.07	82	466258	82.09	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	221326	90.52	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1051329	84.52	ng	0.00
79) Terphenyl-d14	19.91	244	1557897	82.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	93244	47.170	ng	99
3) Pyridine	3.77	79	226523	43.012	ng	98
4) n-Nitrosodimethylamine	3.69	42	107414	48.808	ng	100
6) Aniline	7.24	93	292706	39.913	ng	98
8) 2-Chlorophenol	7.48	128	263249	54.442	ng	98
9) Benzaldehyde	7.05	77	125162	37.196	ng	97
10) Phenol	7.11	94	328698	56.215	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	241649	48.341	ng	97
12) 1,3-Dichlorobenzene	7.81	146	273713	47.410	ng	98
13) 1,4-Dichlorobenzene	7.95	146	276695	48.390	ng	99
14) 1,2-Dichlorobenzene	8.27	146	259975	48.101	ng	98
15) Benzyl Alcohol	8.15	79	214932	51.384	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	317844	46.977	ng	99
17) 2-Methylphenol	8.36	107	225317	54.010	ng	96
18) Hexachloroethane	9.00	117	100388	46.785	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	187896	47.720	ng	97
20) 3+4-Methylphenols	8.69	107	306917	53.383	ng	97
22) Acetophenone	8.73	105	355640	45.592	ng	99
24) Nitrobenzene	9.11	77	266386	48.043	ng	99
25) Isophorone	9.64	82	507855	47.973	ng	99
26) 2-Nitrophenol	9.83	139	148010	51.444	ng	99
27) 2,4-Dimethylphenol	9.89	122	251928	62.031	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	328435	46.507	ng	100
29) 2,4-Dichlorophenol	10.37	162	259256	52.792	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	262882	46.685	ng	99
31) Naphthalene	10.76	128	758347	48.746	ng	100
32) Benzoic acid	10.05	122	100891	40.751	ng	89
33) 4-Chloroaniline	10.87	127	178740	25.262	ng	99
34) Hexachlorobutadiene	11.06	225	154125	44.482	ng	98
35) Caprolactam	11.64	113	93375m	51.906	ng	
36) 4-Chloro-3-methylphenol	12.01	107	266184	51.698	ng	99
37) 2-Methylnaphthalene	12.37	142	561661	48.625	ng	99
38) 1-Methylnaphthalene	12.59	142	533957	49.032	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	274886	44.119	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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	356342	119.195 ng	99
43) 2,4,6-Trichlorophenol	12.98	196	202797	50.356 ng	99
44) 2,4,5-Trichlorophenol	13.06	196	215777	52.457 ng	99
46) 1,1'-Biphenyl	13.38	154	708468	47.156 ng	99
47) 2-Chloronaphthalene	13.42	162	553104	46.265 ng	99
48) 2-Nitroaniline	13.62	65	161987	45.912 ng	98
49) Acenaphthylene	14.27	152	872688	49.768 ng	100
50) Dimethylphthalate	14.00	163	709514	47.389 ng	100
51) 2,6-Dinitrotoluene	14.12	165	160431	48.058 ng	98
52) Acenaphthene	14.62	154	543667	47.834 ng	98
53) 3-Nitroaniline	14.45	138	106566	28.854 ng	95
54) 2,4-Dinitrophenol	14.66	184	182648	91.160 ng	99
55) Dibenzofuran	14.95	168	832907	48.402 ng	98
56) 4-Nitrophenol	14.77	139	292051	107.953 ng	97
57) 2,4-Dinitrotoluene	14.91	165	226157	48.336 ng	98
58) Fluorene	15.60	166	656770	48.457 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	191868	51.640 ng	99
60) Diethylphthalate	15.37	149	708797	47.511 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	348682	47.447 ng	98
62) 4-Nitroaniline	15.61	138	158288	42.891 ng	99
63) Azobenzene	15.88	77	631930	48.331 ng	100
65) 4,6-Dinitro-2-methylphenol	15.68	198	136597	55.876 ng	97
66) n-Nitrosodiphenylamine	15.81	169	615649	49.605 ng	99
67) 4-Bromophenyl-phenylether	16.48	248	227569	47.165 ng	98
68) Hexachlorobenzene	16.61	284	249610	46.176 ng	99
69) Atrazine	16.76	200	230507	54.187 ng	99
70) Pentachlorophenol	16.95	266	274608	99.655 ng	99
71) Phenanthrene	17.34	178	1042164	48.597 ng	99
72) Anthracene	17.43	178	1076449	50.771 ng	98
73) Carbazole	17.69	167	967615	49.505 ng	99
74) Di-n-butylphthalate	18.26	149	1182295	48.948 ng	100
75) Fluoranthene	19.34	202	1237481	49.882 ng	100
77) Benzidine	19.53	184	564215	52.457 ng	98
78) Pyrene	19.71	202	1232022	49.473 ng	99
80) Butylbenzylphthalate	20.60	149	541688	47.732 ng	98
81) Benzo(a)anthracene	21.52	228	1167101	48.835 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	299763	32.318 ng	99
83) Chrysene	21.59	228	1126768	48.777 ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	764838	48.964 ng	99
85) Di-n-octyl phthalate	22.61	149	1342908	49.688 ng	99
86) Indeno(1,2,3-cd)pyrene	28.15	276	1441528	47.831 ng	100
88) Benzo(b)fluoranthene	23.66	252	1260983	49.261 ng	99
89) Benzo(k)fluoranthene	23.73	252	1209409	48.476 ng	98
90) Benzo(a)pyrene	24.49	252	1154283	47.693 ng	99
91) Dibenzo(a,h)anthracene	28.19	278	1179661	49.250 ng	99
92) Benzo(g,h,i)perylene	29.24	276	1210582	50.487 ng	99

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

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