Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044303.D
Acq On : 5 Feb 2020 14:09
Operator : CG/JU
Sample : PB126601BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Manual Integrations APPROVED
mohammad
2/6/2020 2:19:21 PM

Quant Time: Feb 06 01:21:12 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	7.92	152	84333	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	386839	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	271742	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	610713	20.00	ng	0.00
76) Chrysene-d12	21.55	240	540833	20.00	ng	0.00
87) Perylene-d12	24.64	264	499326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	614847	128.67	ng	0.00
7) Phenol-d6	7.09	99	828460	129.11	ng	0.00
23) Nitrobenzene-d5	9.07	82	503951	73.55	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	368481	115.51	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1180883	72.77	ng	0.00
79) Terphenyl-d14	19.92	244	1844461	70.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	78088	36.372	ng	99
3) Pyridine	3.77	79	189263	33.088	ng	96
4) n-Nitrosodimethylamine	3.69	42	98569	41.239	ng	98
6) Aniline	7.24	93	262135	32.911	ng	98
8) 2-Chlorophenol	7.48	128	262542	49.992	ng	97
9) Benzaldehyde	7.05	77	81205	22.220	ng	97
10) Phenol	7.11	94	328885	51.789	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	238516	43.932	ng	97
12) 1,3-Dichlorobenzene	7.81	146	260677	41.573	ng	99
13) 1,4-Dichlorobenzene	7.95	146	262198	42.220	ng	100
14) 1,2-Dichlorobenzene	8.27	146	250969	42.754	ng	98
15) Benzyl Alcohol	8.15	79	221260	48.704	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	305267	41.542	ng	99
17) 2-Methylphenol	8.36	107	233064	51.438	ng	96
18) Hexachloroethane	9.00	117	96269	41.309	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	187885	43.934	ng	98
20) 3+4-Methylphenols	8.69	107	322775	51.691	ng	97
22) Acetophenone	8.73	105	359014	38.150	ng	100
24) Nitrobenzene	9.12	77	271027	40.517	ng	98
25) Isophorone	9.64	82	525434	41.142	ng	98
26) 2-Nitrophenol	9.83	139	153652	44.268	ng	98
27) 2,4-Dimethylphenol	9.90	122	262515	53.578	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	336319	39.476	ng	99
29) 2,4-Dichlorophenol	10.37	162	275716	46.538	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	263020	38.718	ng	98
31) Naphthalene	10.77	128	777461	41.424	ng	100
32) Benzoic acid	10.05	122	127678	42.053	ng	97
33) 4-Chloroaniline	10.87	127	200796	23.524	ng	98
34) Hexachlorobutadiene	11.06	225	149578	35.783	ng	99
35) Caprolactam	11.64	113	109880m	50.630	ng	
36) 4-Chloro-3-methylphenol	12.01	107	302332	48.672	ng	99
37) 2-Methylnaphthalene	12.38	142	593044	42.558	ng	99
38) 1-Methylnaphthalene	12.59	142	564919	43.000	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	292223	35.950	ng	99

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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	12.74	237	272261	69.804 ng	97
43) 2,4,6-Trichlorophenol	12.99	196	229271	43.636 ng	97
44) 2,4,5-Trichlorophenol	13.06	196	248041	46.219 ng	99
46) 1,1'-Biphenyl	13.39	154	769839	39.275 ng	99
47) 2-Chloronaphthalene	13.43	162	596579	38.248 ng	99
48) 2-Nitroaniline	13.63	65	191478	41.597 ng	99
49) Acenaphthylene	14.27	152	962817	42.086 ng	99
50) Dimethylphthalate	14.01	163	802225	41.069 ng	100
51) 2,6-Dinitrotoluene	14.13	165	187360	43.018 ng	97
52) Acenaphthene	14.62	154	593524	40.026 ng	97
53) 3-Nitroaniline	14.45	138	144437	29.975 ng	100
54) 2,4-Dinitrophenol	14.66	184	219308	84.505 ng	99
55) Dibenzofuran	14.96	168	943044	42.005 ng	99
56) 4-Nitrophenol	14.77	139	345481	97.881 ng	99
57) 2,4-Dinitrotoluene	14.92	165	267748	43.862 ng	95
58) Fluorene	15.60	166	751096	42.475 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	223548	46.116 ng	99
60) Diethylphthalate	15.38	149	810406	41.637 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	392909	40.980 ng	98
62) 4-Nitroaniline	15.62	138	189044	39.263 ng	97
63) Azobenzene	15.89	77	729461	42.762 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	160224	47.528 ng	98
66) n-Nitrosodiphenylamine	15.81	169	714371	41.740 ng	98
67) 4-Bromophenyl-phenylether	16.49	248	265179	39.855 ng	99
68) Hexachlorobenzene	16.61	284	288370	38.685 ng	99
69) Atrazine	16.76	200	268850	45.831 ng	97
70) Pentachlorophenol	16.95	266	323054	85.477 ng	98
71) Phenanthrene	17.34	178	1208051	40.850 ng	99
72) Anthracene	17.44	178	1229856	42.064 ng	99
73) Carbazole	17.70	167	1116321	41.416 ng	99
74) Di-n-butylphthalate	18.26	149	1353772	40.644 ng	99
75) Fluoranthene	19.35	202	1405005	41.070 ng	99
77) Benzidine	19.53	184	275264	18.349 ng	97
78) Pyrene	19.71	202	1426942	41.084 ng	98
80) Butylbenzylphthalate	20.60	149	644004	40.688 ng	99
81) Benzo(a)anthracene	21.53	228	1369722	41.093 ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	444357	34.349 ng	100
83) Chrysene	21.59	228	1310680	40.681 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	887463	40.736 ng	100
85) Di-n-octyl phthalate	22.62	149	1566886	41.568 ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1703206	40.520 ng	100
88) Benzo(b)fluoranthene	23.67	252	1450645	50.417 ng	99
89) Benzo(k)fluoranthene	23.73	252	1444545	51.512 ng	100
90) Benzo(a)pyrene	24.50	252	1337433	49.162 ng	98
91) Dibenzo(a,h)anthracene	28.22	278	1405940	52.220 ng	100
92) Benzo(g,h,i)perylene	29.25	276	1424264	52.844 ng	98

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

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