Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044165.D
Acq On : 23 Jan 2020 13:05
Operator : JU
Sample : PB126284BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126284BS

Manual Integrations APPROVED
mohammad
1/24/2020 1:53:34 PM

Quant Time: Jan 24 05:27:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	85143	20.00	ng		-0.03
21) Naphthalene-d8	10.74	136	355277	20.00	ng		-0.03
39) Acenaphthene-d10	14.57	164	234821	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	486651	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	407925	20.00	ng		-0.03
87) Perylene-d12	24.67	264	468424	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	681289	146.92	ng		-0.02
7) Phenol-d6	7.11	99	900774	138.97	ng		-0.02
23) Nitrobenzene-d5	9.09	82	471313	70.97	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	334155	135.98	ng		-0.02
45) 2-Fluorobiphenyl	13.19	172	1062192	81.95	ng		-0.03
79) Terphenyl-d14	19.93	244	1467008	87.34	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	86686	42.874	ng		98
3) Pyridine	3.79	79	211387	35.391	ng		92
4) n-Nitrosodimethylamine	3.70	42	106086	39.893	ng		97
6) Aniline	7.25	93	267289	31.395	ng		98
8) 2-Chlorophenol	7.50	128	252922	46.460	ng		97
9) Benzaldehyde	7.06	77	127246	30.673	ng		97
10) Phenol	7.13	94	310197	46.448	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	227038	39.384	ng		98
12) 1,3-Dichlorobenzene	7.82	146	256370	40.244	ng		98
13) 1,4-Dichlorobenzene	7.97	146	255683	40.678	ng		98
14) 1,2-Dichlorobenzene	8.29	146	242799	40.244	ng		99
15) Benzyl Alcohol	8.17	79	209714	40.995	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	308866	34.631	ng		97
17) 2-Methylphenol	8.38	107	219992	45.520	ng		98
18) Hexachloroethane	9.02	117	96106	39.294	ng		97
19) n-Nitroso-di-n-propylamine	8.74	70	183017	37.914	ng	#	97
20) 3+4-Methylphenols	8.71	107	297938	44.192	ng		99
22) Acetophenone	8.75	105	344210	38.971	ng		99
24) Nitrobenzene	9.13	77	260237	39.564	ng		98
25) Isophorone	9.66	82	501745	40.270	ng		99
26) 2-Nitrophenol	9.84	139	142574	45.815	ng		96
27) 2,4-Dimethylphenol	9.91	122	245183	52.340	ng		97
28) bis(2-Chloroethoxy)methane	10.14	93	319811	38.501	ng		99
29) 2,4-Dichlorophenol	10.38	162	253418	45.353	ng		96
30) 1,2,4-Trichlorobenzene	10.60	180	249512	39.825	ng		99
31) Naphthalene	10.78	128	746128	43.399	ng		98
32) Benzoic acid	10.06	122	108551	31.005	ng		95
33) 4-Chloroaniline	10.89	127	180126	21.966	ng		97
34) Hexachlorobutadiene	11.08	225	144744	37.839	ng		98
35) Caprolactam	11.65	113	91471m	43.974	ng		
36) 4-Chloro-3-methylphenol	12.02	107	271626	45.663	ng		98
37) 2-Methylnaphthalene	12.39	142	561284	43.364	ng		98
38) 1-Methylnaphthalene	12.61	142	534232	43.549	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	267864	38.919	ng		99

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Quant Time: Jan 24 05:27:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	354843	99.446 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	197950	41.799 ng	96
44) 2,4,5-Trichlorophenol	13.08	196	217950	44.622 ng	99
46) 1,1'-Biphenyl	13.40	154	711653	42.269 ng	98
47) 2-Chloronaphthalene	13.45	162	557301	40.964 ng	98
48) 2-Nitroaniline	13.64	65	171720	39.239 ng	99
49) Acenaphthylene	14.29	152	892950	45.665 ng	97
50) Dimethylphthalate	14.03	163	703734	42.207 ng	98
51) 2,6-Dinitrotoluene	14.14	165	159595	42.349 ng	98
52) Acenaphthene	14.63	154	546622	39.861 ng	98
53) 3-Nitroaniline	14.47	138	118760	27.751 ng	98
54) 2,4-Dinitrophenol	14.67	184	158965	82.607 ng	96
55) Dibenzofuran	14.97	168	846154	44.823 ng	97
56) 4-Nitrophenol	14.79	139	282854	86.252 ng	96
57) 2,4-Dinitrotoluene	14.93	165	220889	43.076 ng	100
58) Fluorene	15.62	166	662505	44.278 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	184315	43.884 ng	97
60) Diethylphthalate	15.39	149	711453	42.662 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	341627	42.049 ng	96
62) 4-Nitroaniline	15.63	138	156524	37.038 ng	98
63) Azobenzene	15.91	77	669957	43.319 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	124916	49.653 ng	96
66) n-Nitrosodiphenylamine	15.83	169	613335	42.797 ng	98
67) 4-Bromophenyl-phenylether	16.51	248	219271	40.062 ng	96
68) Hexachlorobenzene	16.63	284	237026	40.190 ng	96
69) Atrazine	16.78	200	218616	46.929 ng	99
70) Pentachlorophenol	16.97	266	250407	77.022 ng	99
71) Phenanthrene	17.35	178	1022757	43.816 ng	98
72) Anthracene	17.45	178	1058180	45.871 ng	97
73) Carbazole	17.71	167	929662	43.628 ng	96
74) Di-n-butylphthalate	18.28	149	1148159	42.202 ng	96
75) Fluoranthene	19.36	202	1157610	43.364 ng	97
77) Benzidine	19.54	184	495307	48.306 ng	99
78) Pyrene	19.73	202	1167111	43.832 ng	95
80) Butylbenzylphthalate	20.61	149	526244	41.512 ng	98
81) Benzo(a)anthracene	21.54	228	1105048	43.688 ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	309414	30.963 ng	98
83) Chrysene	21.61	228	1054706	43.883 ng	95
84) Bis(2-ethylhexyl)phthalate	21.47	149	746295	42.666 ng	97
85) Di-n-octyl phthalate	22.64	149	1307006	44.447 ng	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1358340	41.587 ng	99
88) Benzo(b)fluoranthene	23.69	252	1165955	42.104 ng	98
89) Benzo(k)fluoranthene	23.75	252	1126280	42.770 ng	98
90) Benzo(a)pyrene	24.53	252	1078303	41.257 ng	97
91) Dibenzo(a,h)anthracene	28.26	278	1114094	42.444 ng	97
92) Benzo(g,h,i)perylene	29.30	276	1140221	43.732 ng	98

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

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