Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044383.D
Acq On : 11 Feb 2020 10:25
Operator : CG/JU
Sample : PB126703BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126703BS

Manual Integrations APPROVED
mohammad
2/13/2020 10:29:34 AM

Quant Time: Feb 11 14:02:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	68751	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	274149	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	174340	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	413010	20.00	ng	0.00
76) Chrysene-d12	21.53	240	379532	20.00	ng	0.00
87) Perylene-d12	24.62	264	428992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	375654	96.43	ng	0.00
7) Phenol-d6	7.08	99	491036	93.87	ng	0.00
23) Nitrobenzene-d5	9.06	82	398136	81.99	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	196623	96.07	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	895541	86.02	ng	0.00
79) Terphenyl-d14	19.90	244	1515356	82.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	80699	46.107	ng	99
3) Pyridine	3.76	79	191912	41.155	ng	97
4) n-Nitrosodimethylamine	3.67	42	94686	48.592	ng	98
6) Aniline	7.22	93	236947	36.491	ng	99
8) 2-Chlorophenol	7.47	128	222667	52.008	ng	99
9) Benzaldehyde	7.04	77	110126	36.963	ng	97
10) Phenol	7.10	94	272715	52.677	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	208716	47.156	ng	99
12) 1,3-Dichlorobenzene	7.79	146	239106	46.775	ng	99
13) 1,4-Dichlorobenzene	7.94	146	240615	47.525	ng	99
14) 1,2-Dichlorobenzene	8.26	146	224623	46.939	ng	100
15) Benzyl Alcohol	8.14	79	180984	48.868	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.44	45	272888	45.552	ng	99
17) 2-Methylphenol	8.35	107	187763	50.832	ng	99
18) Hexachloroethane	8.99	117	89192	46.946	ng	100
19) n-Nitroso-di-n-propylamine	8.71	70	157988	45.316	ng	97
20) 3+4-Methylphenols	8.68	107	254897	50.072	ng	99
22) Acetophenone	8.72	105	301734	45.243	ng	99
24) Nitrobenzene	9.10	77	227812	48.055	ng	99
25) Isophorone	9.63	82	427059	47.184	ng	100
26) 2-Nitrophenol	9.82	139	124056	50.432	ng	98
27) 2,4-Dimethylphenol	9.88	122	207728	59.824	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	278702	46.160	ng	99
29) 2,4-Dichlorophenol	10.36	162	214223	51.022	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	222155	46.144	ng	98
31) Naphthalene	10.76	128	649480	48.830	ng	99
32) Benzoic acid	10.04	122	80624	39.014	ng	91
33) 4-Chloroaniline	10.86	127	150459	24.872	ng	98
34) Hexachlorobutadiene	11.05	225	132842	44.843	ng	98
35) Caprolactam	11.62	113	79434m	51.646	ng	
36) 4-Chloro-3-methylphenol	12.00	107	228191	51.837	ng	99
37) 2-Methylnaphthalene	12.37	142	478827	48.486	ng	99
38) 1-Methylnaphthalene	12.58	142	452072	48.555	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	232521	44.586	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	281816	112.620 ng	99
43) 2,4,6-Trichlorophenol	12.98	196	167846	49.793 ng	98
44) 2,4,5-Trichlorophenol	13.05	196	187114	54.346 ng	97
46) 1,1'-Biphenyl	13.38	154	600994	47.792 ng	99
47) 2-Chloronaphthalene	13.42	162	468596	46.828 ng	99
48) 2-Nitroaniline	13.62	65	141056	47.764 ng	100
49) Acenaphthylene	14.26	152	749255	51.049 ng	100
50) Dimethylphthalate	14.00	163	616181	49.168 ng	99
51) 2,6-Dinitrotoluene	14.11	165	140354	50.230 ng	98
52) Acenaphthene	14.60	154	459278	48.277 ng	98
53) 3-Nitroaniline	14.44	138	105910	34.260 ng	98
54) 2,4-Dinitrophenol	14.65	184	151372	90.336 ng	96
55) Dibenzofuran	14.95	168	721716	50.106 ng	99
56) 4-Nitrophenol	14.77	139	272072	120.149 ng	99
57) 2,4-Dinitrotoluene	14.90	165	201972	51.572 ng	98
58) Fluorene	15.59	166	575642	50.741 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	164753	52.976 ng	99
60) Diethylphthalate	15.37	149	633861	50.761 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	302472	49.172 ng	98
62) 4-Nitroaniline	15.61	138	152805	49.467 ng	98
63) Azobenzene	15.88	77	565766	51.695 ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	120642	52.918 ng	96
66) n-Nitrosodiphenylamine	15.80	169	552996	47.778 ng	99
67) 4-Bromophenyl-phenylether	16.48	248	202488	45.000 ng	99
68) Hexachlorobenzene	16.60	284	219721	43.585 ng	98
69) Atrazine	16.75	200	220073	55.474 ng	98
70) Pentachlorophenol	16.95	266	246571	96.066 ng	98
71) Phenanthrene	17.33	178	971413	48.572 ng	99
72) Anthracene	17.42	178	1007338	50.946 ng	99
73) Carbazole	17.69	167	937625	51.439 ng	100
74) Di-n-butylphthalate	18.25	149	1154839	51.268 ng	99
75) Fluoranthene	19.34	202	1197934	51.779 ng	100
77) Benzidine	19.52	184	609886	57.934 ng	99
78) Pyrene	19.70	202	1195321	49.041 ng	99
80) Butylbenzylphthalate	20.59	149	536590	48.310 ng	99
81) Benzo(a)anthracene	21.51	228	1144132	48.914 ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	317236	34.945 ng	96
83) Chrysene	21.58	228	1102244	48.751 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	750007	49.057 ng	98
85) Di-n-octyl phthalate	22.60	149	1315803	49.742 ng	100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1411560	47.854 ng	100
88) Benzo(b)fluoranthene	23.65	252	1205222	48.755 ng	98
89) Benzo(k)fluoranthene	23.71	252	1188833	49.343 ng	100
90) Benzo(a)pyrene	24.48	252	1129648	48.332 ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1162825	50.271 ng	98
92) Benzo(g,h,i)perylene	29.20	276	1180485	50.980 ng	98

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

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