Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044302.D
Acq On : 5 Feb 2020 13:29
Operator : CG/JU
Sample : PB126599BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126599BS

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

Quant Time: Feb 06 01:19:06 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	79274	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	336876	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	242473	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	575001	20.00	ng	0.00
76) Chrysene-d12	21.55	240	507701	20.00	ng	0.00
87) Perylene-d12	24.64	264	516501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	584310	130.08	ng	0.00
7) Phenol-d6	7.09	99	783137	129.83	ng	0.00
23) Nitrobenzene-d5	9.07	82	411359	68.94	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	365968	128.57	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	973151	67.21	ng	0.00
79) Terphenyl-d14	19.92	244	1646088	66.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	73987	36.661	ng	99
3) Pyridine	3.77	79	173991	32.359	ng	98
4) n-Nitrosodimethylamine	3.68	42	91160	40.573	ng	99
6) Aniline	7.24	93	242124	32.339	ng	99
8) 2-Chlorophenol	7.48	128	227918	46.168	ng	98
9) Benzaldehyde	7.04	77	104252	30.347	ng	94
10) Phenol	7.11	94	284761	47.702	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	205945	40.353	ng	99
12) 1,3-Dichlorobenzene	7.81	146	232224	39.399	ng	98
13) 1,4-Dichlorobenzene	7.95	146	233600	40.015	ng	99
14) 1,2-Dichlorobenzene	8.27	146	219298	39.743	ng	98
15) Benzyl Alcohol	8.15	79	189893	44.467	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	264547	38.298	ng	99
17) 2-Methylphenol	8.36	107	199936	46.943	ng	96
18) Hexachloroethane	9.00	117	84171	38.423	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	162442	40.409	ng	97
20) 3+4-Methylphenols	8.69	107	278113	47.381	ng	97
22) Acetophenone	8.73	105	312279	38.105	ng	99
24) Nitrobenzene	9.11	77	234420	40.242	ng	99
25) Isophorone	9.64	82	453279	40.756	ng	98
26) 2-Nitrophenol	9.83	139	131363	43.459	ng	99
27) 2,4-Dimethylphenol	9.89	122	225399	52.826	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	285864	38.530	ng	99
29) 2,4-Dichlorophenol	10.37	162	237274	45.989	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	227870	38.518	ng	100
31) Naphthalene	10.77	128	679681	41.585	ng	100
32) Benzoic acid	10.04	122	99468	39.114	ng	96
33) 4-Chloroaniline	10.87	127	181690	24.442	ng	99
34) Hexachlorobutadiene	11.06	225	129001	35.438	ng	99
35) Caprolactam	11.64	113	98065m	51.888	ng	
36) 4-Chloro-3-methylphenol	12.01	107	261126	48.274	ng	99
37) 2-Methylnaphthalene	12.38	142	512722	42.251	ng	100
38) 1-Methylnaphthalene	12.59	142	489212	42.760	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	250718	34.567	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	255061	73.287 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	198437	42.326 ng	99
44) 2,4,5-Trichlorophenol	13.06	196	224928	46.972 ng	98
46) 1,1'-Biphenyl	13.39	154	667776	38.181 ng	99
47) 2-Chloronaphthalene	13.43	162	526794	37.851 ng	99
48) 2-Nitroaniline	13.63	65	172027	41.883 ng	97
49) Acenaphthylene	14.27	152	863339	42.293 ng	100
50) Dimethylphthalate	14.01	163	720036	41.311 ng	99
51) 2,6-Dinitrotoluene	14.12	165	169901	43.719 ng	98
52) Acenaphthene	14.62	154	533071	40.289 ng	98
53) 3-Nitroaniline	14.45	138	127505	29.656 ng	100
54) 2,4-Dinitrophenol	14.66	184	195872	84.578 ng	98
55) Dibenzofuran	14.95	168	849673	42.414 ng	99
56) 4-Nitrophenol	14.77	139	320275	101.693 ng	99
57) 2,4-Dinitrotoluene	14.92	165	242370	44.497 ng	97
58) Fluorene	15.60	166	683795	43.337 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	204318	47.237 ng	99
60) Diethylphthalate	15.38	149	744284	42.855 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	351794	41.120 ng	99
62) 4-Nitroaniline	15.62	138	174840	40.696 ng	99
63) Azobenzene	15.89	77	659062	43.299 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	145606	45.875 ng	97
66) n-Nitrosodiphenylamine	15.81	169	655368	40.671 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	241795	38.597 ng	98
68) Hexachlorobenzene	16.61	284	263980	37.613 ng	99
69) Atrazine	16.76	200	251074	45.459 ng	99
70) Pentachlorophenol	16.95	266	302304	84.974 ng	96
71) Phenanthrene	17.34	178	1132086	40.659 ng	99
72) Anthracene	17.43	178	1154067	41.924 ng	100
73) Carbazole	17.70	167	1043045	41.101 ng	100
74) Di-n-butylphthalate	18.26	149	1268192	40.439 ng	100
75) Fluoranthene	19.35	202	1320745	41.004 ng	99
77) Benzidine	19.53	184	396440	28.151 ng	99
78) Pyrene	19.71	202	1325025	40.639 ng	99
80) Butylbenzylphthalate	20.60	149	597595	40.220 ng	97
81) Benzo(a)anthracene	21.53	228	1294899	41.384 ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	400941	33.016 ng	98
83) Chrysene	21.59	228	1232782	40.760 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	832755	40.719 ng	100
85) Di-n-octyl phthalate	22.62	149	1471519	41.586 ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1583534	40.131 ng	99
88) Benzo(b)fluoranthene	23.66	252	1390184	46.709 ng	99
89) Benzo(k)fluoranthene	23.73	252	1323713	45.633 ng	100
90) Benzo(a)pyrene	24.50	252	1271107	45.171 ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1309280	47.013 ng	98
92) Benzo(g,h,i)perylene	29.25	276	1343006	48.172 ng	99

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

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