Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044519.D
Acq On : 20 Feb 2020 14:01
Operator : CG/JU
Sample : PB126924BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126924BSD

Manual Integrations APPROVED
mohammad
2/21/2020 2:17:44 PM

Quant Time: Feb 21 06:59:32 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	7.88	152	67309	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	275469	20.00	ng	-0.02
39) Acenaphthene-d10	14.53	164	185817	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	409752	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	374012	20.00	ng	-0.02
87) Perylene-d12	24.59	264	386937	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	537373	140.90	ng	-0.02
7) Phenol-d6	7.07	99	720508	140.68	ng	-0.01
23) Nitrobenzene-d5	9.04	82	369517	75.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	298694	136.93	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	874103	78.77	ng	-0.02
79) Terphenyl-d14	19.89	244	1374821	75.61	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	70198	40.966	ng	98
3) Pyridine	3.73	79	164408	36.013	ng	99
4) n-Nitrosodimethylamine	3.65	42	82963	43.488	ng	94
6) Aniline	7.21	93	236016	37.126	ng	97
8) 2-Chlorophenol	7.45	128	215598	51.436	ng	97
9) Benzaldehyde	7.01	77	89233	30.592	ng	99
10) Phenol	7.09	94	266353	52.550	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	192892	44.514	ng	96
12) 1,3-Dichlorobenzene	7.77	146	222235	44.406	ng	98
13) 1,4-Dichlorobenzene	7.92	146	221772	44.742	ng	99
14) 1,2-Dichlorobenzene	8.23	146	210162	44.858	ng	100
15) Benzyl Alcohol	8.12	79	176494	48.676	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.42	45	248545	42.378	ng	100
17) 2-Methylphenol	8.33	107	186527	51.579	ng	97
18) Hexachloroethane	8.96	117	81025	43.561	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	151840	44.486	ng	96
20) 3+4-Methylphenols	8.66	107	254802	51.126	ng	99
22) Acetophenone	8.70	105	289858	43.254	ng	99
24) Nitrobenzene	9.08	77	218045	45.775	ng	99
25) Isophorone	9.61	82	423782	46.598	ng	99
26) 2-Nitrophenol	9.80	139	123560	49.990	ng	97
27) 2,4-Dimethylphenol	9.87	122	206004	59.043	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	267381	44.072	ng	100
29) 2,4-Dichlorophenol	10.34	162	218923	51.892	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	217187	44.896	ng	99
31) Naphthalene	10.73	128	630321	47.162	ng	100
32) Benzoic acid	10.03	122	61241	32.951	ng	92
33) 4-Chloroaniline	10.84	127	167107	27.492	ng	98
34) Hexachlorobutadiene	11.03	225	128954	43.322	ng	99
35) Caprolactam	11.61	113	78032m	50.492	ng	
36) 4-Chloro-3-methylphenol	11.98	107	225610	51.005	ng	100
37) 2-Methylnaphthalene	12.35	142	473851	47.752	ng	99
38) 1-Methylnaphthalene	12.56	142	450958	48.203	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	239653	43.115	ng	99

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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	12.71	237	227695	85.372 ng	99
43) 2,4,6-Trichlorophenol	12.96	196	172870	48.116 ng	99
44) 2,4,5-Trichlorophenol	13.04	196	186446	50.807 ng	97
46) 1,1'-Biphenyl	13.36	154	602478	44.950 ng	98
47) 2-Chloronaphthalene	13.40	162	468326	43.910 ng	98
48) 2-Nitroaniline	13.60	65	136544	43.380 ng	96
49) Acenaphthylene	14.25	152	745905	47.681 ng	99
50) Dimethylphthalate	13.98	163	601236	45.013 ng	99
51) 2,6-Dinitrotoluene	14.10	165	139167	46.729 ng	96
52) Acenaphthene	14.59	154	458336	45.202 ng	97
53) 3-Nitroaniline	14.43	138	98012	29.747 ng	97
54) 2,4-Dinitrophenol	14.64	184	160518	89.916 ng	99
55) Dibenzofuran	14.93	168	712085	46.384 ng	98
56) 4-Nitrophenol	14.76	139	246590	102.170 ng	94
57) 2,4-Dinitrotoluene	14.89	165	195210	46.766 ng	96
58) Fluorene	15.57	166	565077	46.733 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	164622	49.664 ng	97
60) Diethylphthalate	15.35	149	600884	45.148 ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	298913	45.592 ng	99
62) 4-Nitroaniline	15.60	138	140750	42.750 ng	95
63) Azobenzene	15.86	77	533170	45.708 ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	123103	54.426 ng	96
66) n-Nitrosodiphenylamine	15.78	169	531562	46.291 ng	98
67) 4-Bromophenyl-phenylether	16.46	248	199562	44.703 ng	98
68) Hexachlorobenzene	16.58	284	221826	44.353 ng	99
69) Atrazine	16.73	200	206135	52.374 ng	99
70) Pentachlorophenol	16.93	266	234663	92.282 ng	98
71) Phenanthrene	17.31	178	927017	46.721 ng	99
72) Anthracene	17.41	178	944851	48.166 ng	99
73) Carbazole	17.67	167	863462	47.747 ng	99
74) Di-n-butylphthalate	18.23	149	1036091	46.362 ng	100
75) Fluoranthene	19.32	202	1115699	48.608 ng	99
77) Benzidine	19.50	184	382992	36.918 ng	98
78) Pyrene	19.69	202	1120784	46.662 ng	99
80) Butylbenzylphthalate	20.57	149	486872	44.480 ng	99
81) Benzo(a)anthracene	21.50	228	1085154	47.077 ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	343350	38.379 ng	99
83) Chrysene	21.56	228	1048994	47.081 ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	686635	45.575 ng	99
85) Di-n-octyl phthalate	22.58	149	1229240	47.156 ng	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1362174	46.861 ng	99
88) Benzo(b)fluoranthene	23.62	252	1185430	53.166 ng	99
89) Benzo(k)fluoranthene	23.68	252	1114524	51.287 ng	99
90) Benzo(a)pyrene	24.45	252	1072003	50.851 ng	98
91) Dibenzo(a,h)anthracene	28.13	278	1130836	54.202 ng	99
92) Benzo(g,h,i)perylene	29.16	276	1149719	55.048 ng	99

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

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