Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044548.D
Acq On : 21 Feb 2020 14:16
Operator : CG/JU
Sample : PB126974BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126974BSD

Manual Integrations APPROVED
mohammad
2/24/2020 3:30:22 PM

Quant Time: Feb 21 16:23:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	46615	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	196077	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	137611	20.00	ng		0.00
64) Phenanthrene-d10	17.27	188	329991	20.00	ng		0.00
76) Chrysene-d12	21.51	240	322181	20.00	ng		0.00
87) Perylene-d12	24.58	264	371846	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	262296	99.31	ng		0.00
7) Phenol-d6	7.05	99	355286	100.17	ng		0.00
23) Nitrobenzene-d5	9.03	82	285409	82.18	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	163773	101.38	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	698899	85.05	ng		0.00
79) Terphenyl-d14	19.88	244	1317032	84.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	54244	45.709	ng		100
3) Pyridine	3.73	79	129445	40.942	ng		98
4) n-Nitrosodimethylamine	3.64	42	62335	47.181	ng		94
6) Aniline	7.20	93	165284	37.542	ng		98
8) 2-Chlorophenol	7.45	128	158829	54.714	ng		98
9) Benzaldehyde	7.01	77	70549	34.924	ng		98
10) Phenol	7.08	94	198488	56.545	ng		95
11) bis(2-Chloroethyl)ether	7.30	93	141130	47.028	ng		98
12) 1,3-Dichlorobenzene	7.77	146	163114	47.062	ng		99
13) 1,4-Dichlorobenzene	7.91	146	165457	48.199	ng		98
14) 1,2-Dichlorobenzene	8.24	146	155341	47.876	ng		100
15) Benzyl Alcohol	8.12	79	128204	51.055	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	181855	44.772	ng		99
17) 2-Methylphenol	8.34	107	134837	53.838	ng		99
18) Hexachloroethane	8.96	117	60201	46.734	ng		96
19) n-Nitroso-di-n-propylamine	8.69	70	111862	47.322	ng		98
20) 3+4-Methylphenols	8.66	107	186613	54.066	ng		98
22) Acetophenone	8.70	105	214835	45.039	ng	#	97
24) Nitrobenzene	9.08	77	161087	47.510	ng		99
25) Isophorone	9.60	82	315536	48.744	ng		100
26) 2-Nitrophenol	9.79	139	91500	52.008	ng		99
27) 2,4-Dimethylphenol	9.86	122	155029	62.424	ng		96
28) bis(2-Chloroethoxy)methane	10.09	93	199919	46.295	ng		98
29) 2,4-Dichlorophenol	10.33	162	162642	54.161	ng		99
30) 1,2,4-Trichlorobenzene	10.54	180	159276	46.257	ng		98
31) Naphthalene	10.73	128	472434	49.662	ng		99
32) Benzoic acid	10.02	122	36783	30.018	ng		99
33) 4-Chloroaniline	10.84	127	126990	29.351	ng		97
34) Hexachlorobutadiene	11.03	225	94079	44.403	ng		100
35) Caprolactam	11.60	113	64976m	59.067	ng		
36) 4-Chloro-3-methylphenol	11.98	107	174324	55.368	ng		99
37) 2-Methylnaphthalene	12.34	142	356502	50.473	ng		99
38) 1-Methylnaphthalene	12.56	142	337808	50.729	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	180376	43.819	ng		99

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Quant Time: Feb 21 16:23:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	190716	96.557 ng	99
43) 2,4,6-Trichlorophenol	12.96	196	130779	49.151 ng	97
44) 2,4,5-Trichlorophenol	13.04	196	142705	52.510 ng	98
46) 1,1'-Biphenyl	13.35	154	462271	46.572 ng	98
47) 2-Chloronaphthalene	13.39	162	360720	45.669 ng	98
48) 2-Nitroaniline	13.59	65	110652	47.469 ng	100
49) Acenaphthylene	14.24	152	594927	51.352 ng	98
50) Dimethylphthalate	13.98	163	497610	50.305 ng	99
51) 2,6-Dinitrotoluene	14.09	165	113071	51.266 ng	98
52) Acenaphthene	14.59	154	362253	48.241 ng	98
53) 3-Nitroaniline	14.42	138	78950	32.355 ng	99
54) 2,4-Dinitrophenol	14.64	184	125183	94.283 ng	97
55) Dibenzofuran	14.92	168	577299	50.777 ng	97
56) 4-Nitrophenol	14.75	139	204538	114.434 ng	99
57) 2,4-Dinitrotoluene	14.89	165	162159	52.457 ng	99
58) Fluorene	15.57	166	467392	52.195 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	133562	54.409 ng	98
60) Diethylphthalate	15.34	149	508871	51.628 ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	243763	50.205 ng	99
62) 4-Nitroaniline	15.59	138	114449	46.939 ng	96
63) Azobenzene	15.86	77	438441	50.754 ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	100436	55.138 ng	96
66) n-Nitrosodiphenylamine	15.78	169	443603	47.969 ng	99
67) 4-Bromophenyl-phenylether	16.45	248	165774	46.110 ng	95
68) Hexachlorobenzene	16.58	284	182678	45.354 ng	99
69) Atrazine	16.73	200	177476	55.991 ng	99
70) Pentachlorophenol	16.92	266	189630	92.586 ng	98
71) Phenanthrene	17.31	178	794355	49.712 ng	99
72) Anthracene	17.40	178	818034	51.780 ng	98
73) Carbazole	17.67	167	750201	51.511 ng	99
74) Di-n-butylphthalate	18.24	149	946733	52.603 ng	98
75) Fluoranthene	19.32	202	1012178	54.757 ng	98
77) Benzidine	19.50	184	442539	49.520 ng	98
78) Pyrene	19.68	202	1019921	49.294 ng	98
80) Butylbenzylphthalate	20.57	149	449722	47.696 ng	96
81) Benzo(a)anthracene	21.49	228	989367	49.826 ng	98
82) 3,3'-Dichlorobenzidine	21.41	252	292644	37.974 ng	97
83) Chrysene	21.55	228	960845	50.062 ng	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	627252	48.332 ng	98
85) Di-n-octyl phthalate	22.57	149	1116968	49.742 ng	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1228657	49.068 ng	100
88) Benzo(b)fluoranthene	23.61	252	1079082	50.361 ng	99
89) Benzo(k)fluoranthene	23.68	252	1023024	48.987 ng	98
90) Benzo(a)pyrene	24.44	252	980487	48.398 ng	99
91) Dibenzo(a,h)anthracene	28.12	278	1015788	50.663 ng	98
92) Benzo(g,h,i)perylene	29.15	276	1029626	51.299 ng	98

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

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