Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
Data File : BG044392.D
Acq On : 11 Feb 2020 17:15
Operator : CG/JU
Sample : PB126699BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126699BS

Manual Integrations APPROVED
mohammad
2/13/2020 3:32:43 PM

Quant Time: Feb 12 03:28:27 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	69402	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	294772	20.00	ng		0.00
39) Acenaphthene-d10	14.54	164	189813	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	466373	20.00	ng		0.00
76) Chrysene-d12	21.53	240	464107	20.00	ng		0.00
87) Perylene-d12	24.62	264	344907	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	506301	128.75	ng		0.00
7) Phenol-d6	7.08	99	702598	133.05	ng		0.00
23) Nitrobenzene-d5	9.06	82	395173	75.69	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	304073	136.46	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	947744	83.61	ng		0.00
79) Terphenyl-d14	19.91	244	1559565	69.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	60556	34.274	ng		98
3) Pyridine	3.76	79	153818	32.677	ng		99
4) n-Nitrosodimethylamine	3.67	42	71940	36.573	ng		98
6) Aniline	7.23	93	147001	22.427	ng		99
8) 2-Chlorophenol	7.47	128	185528	42.927	ng		96
9) Benzaldehyde	7.05	77	941	0.313	ng	#	79
10) Phenol	7.10	94	232449	44.478	ng		98
11) bis(2-Chloroethyl)ether	7.33	93	171139	38.303	ng		97
12) 1,3-Dichlorobenzene	7.80	146	189496	36.723	ng		98
13) 1,4-Dichlorobenzene	7.94	146	191113	37.394	ng		99
14) 1,2-Dichlorobenzene	8.26	146	183242	37.932	ng		97
15) Benzyl Alcohol	8.14	79	154576	41.346	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	226432	37.443	ng		98
17) 2-Methylphenol	8.36	107	160499	43.044	ng		100
18) Hexachloroethane	8.99	117	71569	37.317	ng		98
19) n-Nitroso-di-n-propylamine	8.71	70	136173	38.693	ng		99
20) 3+4-Methylphenols	8.68	107	221033	43.013	ng		99
22) Acetophenone	8.73	105	263943	36.808	ng		98
24) Nitrobenzene	9.10	77	192467	37.759	ng		98
25) Isophorone	9.63	82	378755	38.920	ng		100
26) 2-Nitrophenol	9.82	139	105753	39.984	ng		100
27) 2,4-Dimethylphenol	9.88	122	179492	48.076	ng		99
28) bis(2-Chloroethoxy)methane	10.11	93	242123	37.296	ng		99
29) 2,4-Dichlorophenol	10.36	162	192267	42.589	ng		99
30) 1,2,4-Trichlorobenzene	10.57	180	190725	36.844	ng		99
31) Naphthalene	10.75	128	558360	39.042	ng		99
32) Benzoic acid	10.04	122	96962	41.959	ng		95
33) 4-Chloroaniline	10.86	127	104424	16.055	ng		96
34) Hexachlorobutadiene	11.05	225	109948	34.518	ng		100
35) Caprolactam	11.63	113	71424m	43.189	ng		
36) 4-Chloro-3-methylphenol	12.00	107	209909	44.348	ng		98
37) 2-Methylnaphthalene	12.37	142	427297	40.241	ng		99
38) 1-Methylnaphthalene	12.59	142	406480	40.603	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	214129	37.713	ng		99

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Quant Time: Feb 12 03:28:27 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)
41) Hexachlorocyclopentadiene	12.73	237	135721	49.816 ng	100
43) 2,4,6-Trichlorophenol	12.98	196	156185	42.556 ng	100
44) 2,4,5-Trichlorophenol	13.06	196	169477	45.211 ng	99
46) 1,1'-Biphenyl	13.38	154	556463	40.643 ng	98
47) 2-Chloronaphthalene	13.42	162	430588	39.522 ng	100
48) 2-Nitroaniline	13.62	65	131869	41.013 ng	99
49) Acenaphthylene	14.27	152	687000	42.991 ng	99
50) Dimethylphthalate	14.00	163	587586	43.065 ng	99
51) 2,6-Dinitrotoluene	14.11	165	132639	43.599 ng	96
52) Acenaphthene	14.61	154	428857	41.404 ng	97
53) 3-Nitroaniline	14.45	138	90941	27.019 ng	96
54) 2,4-Dinitrophenol	14.65	184	154288	85.057 ng	98
55) Dibenzofuran	14.94	168	684162	43.627 ng	100
56) 4-Nitrophenol	14.77	139	237619	96.380 ng	99
57) 2,4-Dinitrotoluene	14.91	165	193443	45.367 ng	96
58) Fluorene	15.59	166	552709	44.748 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	158935	46.939 ng	99
60) Diethylphthalate	15.37	149	604446	44.459 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	286798	42.824 ng	99
62) 4-Nitroaniline	15.61	138	139755	41.554 ng	97
63) Azobenzene	15.88	77	528805	44.379 ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	116377	45.206 ng	97
66) n-Nitrosodiphenylamine	15.80	169	516574	39.524 ng	100
67) 4-Bromophenyl-phenylether	16.48	248	194068	38.194 ng	98
68) Hexachlorobenzene	16.60	284	210896	37.048 ng	99
69) Atrazine	16.75	200	111173	24.817 ng	99
70) Pentachlorophenol	16.95	266	354029	121.298 ng	97
71) Phenanthrene	17.33	178	923755	40.904 ng	98
72) Anthracene	17.42	178	907211	40.632 ng	98
73) Carbazole	17.69	167	857078	41.640 ng	100
74) Di-n-butylphthalate	18.26	149	1065745	41.899 ng	100
75) Fluoranthene	19.34	202	1100271	42.116 ng	99
77) Benzidine	19.53	184	123015	9.556 ng	97
78) Pyrene	19.70	202	1112397	37.322 ng	98
80) Butylbenzylphthalate	20.59	149	488211	35.944 ng	97
81) Benzo(a)anthracene	21.52	228	1059252	37.032 ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	303086	27.302 ng	98
83) Chrysene	21.58	228	1003185	36.284 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	674306	36.068 ng	99
85) Di-n-octyl phthalate	22.60	149	1184419	36.616 ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1264600	35.059 ng	100
88) Benzo(b)fluoranthene	23.65	252	1104333	55.565 ng	99
89) Benzo(k)fluoranthene	23.71	252	1082305	55.873 ng	99
90) Benzo(a)pyrene	24.48	252	1054579	56.121 ng	99
91) Dibenzo(a,h)anthracene	28.19	278	1052788	56.610 ng	98
92) Benzo(g,h,i)perylene	29.21	276	1068598	57.399 ng	98

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

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