Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044076.D
Acq On : 17 Jan 2020 16:02
Operator : JU
Sample : PB126138BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126138BS

Manual Integrations APPROVED
mohammad
1/21/2020 7:59:06 AM

Quant Time: Jan 18 03:24:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	77661	20.00	ng		-0.03
21) Naphthalene-d8	10.74	136	331593	20.00	ng		-0.03
39) Acenaphthene-d10	14.57	164	223933	20.00	ng		-0.03
64) Phenanthrene-d10	17.32	188	496692	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	412196	20.00	ng		-0.03
87) Perylene-d12	24.67	264	465217	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	635417	150.23	ng		-0.03
7) Phenol-d6	7.11	99	848861	143.58	ng		-0.01
23) Nitrobenzene-d5	9.09	82	435119	70.20	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	336079	143.41	ng		-0.02
45) 2-Fluorobiphenyl	13.19	172	1005561	81.36	ng		-0.03
79) Terphenyl-d14	19.93	244	1471780	86.49	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	112786	61.157	ng		97
3) Pyridine	3.79	79	198896	36.508	ng		93
4) n-Nitrosodimethylamine	3.70	42	97788	40.315	ng		99
6) Aniline	7.25	93	252370	32.499	ng		98
8) 2-Chlorophenol	7.50	128	241440	48.624	ng		95
9) Benzaldehyde	7.06	77	122444	32.359	ng		98
10) Phenol	7.13	94	301629	49.516	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	222868	42.385	ng		98
12) 1,3-Dichlorobenzene	7.82	146	244365	42.055	ng		98
13) 1,4-Dichlorobenzene	7.97	146	246790	43.045	ng		97
14) 1,2-Dichlorobenzene	8.29	146	235008	42.705	ng		99
15) Benzyl Alcohol	8.17	79	204553	43.838	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	300636	36.956	ng		98
17) 2-Methylphenol	8.39	107	211762	48.039	ng		97
18) Hexachloroethane	9.02	117	91183	40.873	ng		97
19) n-Nitroso-di-n-propylamine	8.74	70	177144	40.233	ng		97
20) 3+4-Methylphenols	8.71	107	293102	47.663	ng		95
22) Acetophenone	8.76	105	327393	39.714	ng	#	96
24) Nitrobenzene	9.13	77	251439	40.957	ng		98
25) Isophorone	9.66	82	483761	41.600	ng		99
26) 2-Nitrophenol	9.84	139	139286	47.955	ng		96
27) 2,4-Dimethylphenol	9.91	122	240159	54.929	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	311291	40.152	ng		98
29) 2,4-Dichlorophenol	10.39	162	249496	47.840	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	236169	40.388	ng		98
31) Naphthalene	10.78	128	711056	44.313	ng		99
32) Benzoic acid	10.06	122	135843	39.437	ng		94
33) 4-Chloroaniline	10.89	127	170888	22.328	ng		97
34) Hexachlorobutadiene	11.08	225	136006	38.094	ng		98
35) Caprolactam	11.66	113	93266m	48.039	ng		
36) 4-Chloro-3-methylphenol	12.03	107	275173	49.564	ng		98
37) 2-Methylnaphthalene	12.39	142	534084	44.210	ng		96
38) 1-Methylnaphthalene	12.62	142	513454	44.845	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	249331	37.988	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	343193	100.857 ng	98
43) 2,4,6-Trichlorophenol	13.01	196	202599	44.860 ng	99
44) 2,4,5-Trichlorophenol	13.08	196	223963	48.082 ng	99
46) 1,1'-Biphenyl	13.40	154	685377	42.688 ng	99
47) 2-Chloronaphthalene	13.44	162	537341	41.417 ng	98
48) 2-Nitroaniline	13.64	65	173271	41.518 ng	97
49) Acenaphthylene	14.29	152	865153	46.395 ng	97
50) Dimethylphthalate	14.03	163	706278	44.420 ng	99
51) 2,6-Dinitrotoluene	14.14	165	163596	45.522 ng	98
52) Acenaphthene	14.64	154	532825	40.744 ng	96
53) 3-Nitroaniline	14.47	138	120232	29.461 ng	97
54) 2,4-Dinitrophenol	14.68	184	197523	105.974 ng	95
55) Dibenzofuran	14.97	168	837618	46.528 ng	97
56) 4-Nitrophenol	14.80	139	300570	96.110 ng	92
57) 2,4-Dinitrotoluene	14.93	165	231523	47.346 ng	97
58) Fluorene	15.62	166	665970	46.674 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	194160	48.476 ng	97
60) Diethylphthalate	15.39	149	729158	45.850 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	341562	44.085 ng	97
62) 4-Nitroaniline	15.64	138	165061	40.957 ng	93
63) Azobenzene	15.91	77	662282	44.905 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	136457	52.836 ng	98
66) n-Nitrosodiphenylamine	15.82	169	629414	43.031 ng	98
67) 4-Bromophenyl-phenylether	16.51	248	223712	40.047 ng	99
68) Hexachlorobenzene	16.63	284	236852	39.348 ng	97
69) Atrazine	16.78	200	233770	49.168 ng	100
70) Pentachlorophenol	16.97	266	270978	81.665 ng	99
71) Phenanthrene	17.36	178	1053873	44.236 ng	97
72) Anthracene	17.45	178	1083817	46.032 ng	98
73) Carbazole	17.72	167	964165	44.332 ng	96
74) Di-n-butylphthalate	18.29	149	1204596	43.381 ng	96
75) Fluoranthene	19.37	202	1207305	44.311 ng	96
77) Benzidine	19.54	184	502879	48.537 ng	98
78) Pyrene	19.72	202	1201383	44.652 ng	96
80) Butylbenzylphthalate	20.62	149	554459	43.285 ng	96
81) Benzo(a)anthracene	21.55	228	1127265	44.104 ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	333508	33.028 ng	99
83) Chrysene	21.61	228	1086709	44.746 ng	96
84) Bis(2-ethylhexyl)phthalate	21.47	149	774529	43.821 ng	97
85) Di-n-octyl phthalate	22.65	149	1354595	45.588 ng	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1381319	41.852 ng	100
88) Benzo(b)fluoranthene	23.70	252	1197639	43.547 ng	97
89) Benzo(k)fluoranthene	23.76	252	1128996	43.169 ng	98
90) Benzo(a)pyrene	24.53	252	1088119	41.919 ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1140923	43.766 ng	99
92) Benzo(g,h,i)perylene	29.30	276	1151567	44.471 ng	99

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

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