Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044183.D
Acq On : 24 Jan 2020 15:48
Operator : CG/JU
Sample : PB126320BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126320BS

Manual Integrations APPROVED
mohammad
1/28/2020 8:11:31 AM

Quant Time: Jan 27 04:32:04 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	75265	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	323243	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	216546	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	465575	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	401084	20.00	ng		-0.03
87) Perylene-d12	24.66	264	456207	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	608441	148.43	ng		-0.03
7) Phenol-d6	7.10	99	815855	142.39	ng		-0.02
23) Nitrobenzene-d5	9.08	82	432991	71.66	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	309695	136.66	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	979501	81.95	ng		-0.03
79) Terphenyl-d14	19.92	244	1442156	87.32	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	87599	49.012	ng		95
3) Pyridine	3.78	79	184577	34.958	ng		95
4) n-Nitrosodimethylamine	3.70	42	95558	40.650	ng	#	98
6) Aniline	7.25	93	239827	31.867	ng		97
8) 2-Chlorophenol	7.50	128	237657	49.385	ng		96
9) Benzaldehyde	7.06	77	118868	32.414	ng		97
10) Phenol	7.13	94	292433	49.535	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	214463	42.085	ng		98
12) 1,3-Dichlorobenzene	7.82	146	236018	41.911	ng		100
13) 1,4-Dichlorobenzene	7.96	146	238279	42.884	ng		99
14) 1,2-Dichlorobenzene	8.28	146	225546	42.291	ng		99
15) Benzyl Alcohol	8.17	79	193724	42.839	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	288806	36.632	ng		98
17) 2-Methylphenol	8.38	107	203527	47.640	ng		97
18) Hexachloroethane	9.01	117	89676	41.477	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	171159	40.111	ng		97
20) 3+4-Methylphenols	8.70	107	279295	46.863	ng		96
22) Acetophenone	8.75	105	323117	40.208	ng	#	97
24) Nitrobenzene	9.12	77	247250	41.315	ng		99
25) Isophorone	9.65	82	470525	41.507	ng		99
26) 2-Nitrophenol	9.84	139	130163	45.972	ng		96
27) 2,4-Dimethylphenol	9.91	122	228117	53.523	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	302338	40.005	ng		99
29) 2,4-Dichlorophenol	10.38	162	233745	45.977	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	231832	40.670	ng		99
31) Naphthalene	10.78	128	704811	45.058	ng		98
32) Benzoic acid	10.05	122	92527	29.442	ng		91
33) 4-Chloroaniline	10.89	127	164895	22.102	ng		97
34) Hexachlorobutadiene	11.08	225	133746	38.429	ng		98
35) Caprolactam	11.65	113	86822m	45.875	ng		
36) 4-Chloro-3-methylphenol	12.02	107	250923	46.363	ng		96
37) 2-Methylnaphthalene	12.39	142	526377	44.697	ng		97
38) 1-Methylnaphthalene	12.61	142	504858	45.233	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	251300	39.594	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	318901	96.915	ng		99
43) 2,4,6-Trichlorophenol	13.00	196	182801	41.857	ng		97
44) 2,4,5-Trichlorophenol	13.07	196	195104	43.315	ng		99
46) 1,1'-Biphenyl	13.40	154	664922	42.826	ng		100
47) 2-Chloronaphthalene	13.44	162	523769	41.748	ng		97
48) 2-Nitroaniline	13.64	65	155791	38.603	ng		97
49) Acenaphthylene	14.28	152	834543	46.280	ng		97
50) Dimethylphthalate	14.02	163	658873	42.852	ng		98
51) 2,6-Dinitrotoluene	14.13	165	150216	43.225	ng		99
52) Acenaphthene	14.63	154	524552	41.480	ng		99
53) 3-Nitroaniline	14.46	138	109896	27.847	ng		99
54) 2,4-Dinitrophenol	14.67	184	134479	76.234	ng		96
55) Dibenzofuran	14.97	168	801611	46.047	ng		97
56) 4-Nitrophenol	14.78	139	277766	91.848	ng		96
57) 2,4-Dinitrotoluene	14.92	165	212937	45.030	ng		98
58) Fluorene	15.61	166	635577	46.063	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	175942	45.426	ng		97
60) Diethylphthalate	15.39	149	679549	44.188	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	324222	43.274	ng		97
62) 4-Nitroaniline	15.63	138	155694	39.950	ng		95
63) Azobenzene	15.90	77	644368	45.181	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	116454	48.497	ng		97
66) n-Nitrosodiphenylamine	15.82	169	586483	42.776	ng		98
67) 4-Bromophenyl-phenylether	16.50	248	208308	39.782	ng		97
68) Hexachlorobenzene	16.62	284	227308	40.287	ng		98
69) Atrazine	16.77	200	217607	48.827	ng		99
70) Pentachlorophenol	16.96	266	234469	75.385	ng		99
71) Phenanthrene	17.35	178	1010410	45.246	ng		97
72) Anthracene	17.44	178	1034166	46.859	ng		97
73) Carbazole	17.71	167	922476	45.250	ng		96
74) Di-n-butylphthalate	18.28	149	1143242	43.923	ng		96
75) Fluoranthene	19.36	202	1156719	45.292	ng		96
77) Benzidine	19.54	184	464117	46.036	ng		98
78) Pyrene	19.72	202	1166937	44.573	ng		95
80) Butylbenzylphthalate	20.61	149	530062	42.527	ng		96
81) Benzo(a)anthracene	21.54	228	1105858	44.465	ng		97
82) 3,3'-Dichlorobenzidine	21.46	252	310516	31.603	ng		98
83) Chrysene	21.60	228	1059083	44.817	ng		96
84) Bis(2-ethylhexyl)phthalate	21.46	149	750251	43.624	ng		97
85) Di-n-octyl phthalate	22.63	149	1307293	45.215	ng		97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1368662	42.617	ng	#	89
88) Benzo(b)fluoranthene	23.68	252	1171657	43.443	ng		97
89) Benzo(k)fluoranthene	23.75	252	1139928	44.448	ng		97
90) Benzo(a)pyrene	24.52	252	1076523	42.292	ng		98
91) Dibenzo(a,h)anthracene	28.25	278	1121645	43.876	ng		97
92) Benzo(g,h,i)perylene	29.28	276	1141019	44.934	ng		97

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

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