Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044576.D
Acq On : 25 Feb 2020 14:05
Operator : CG/JU
Sample : PB126985BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 26 05:29:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Manual Integrations APPROVED
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2/27/2020 5:02:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	66469	20.00	ng		0.00
21) Naphthalene-d8	10.67	136	281192	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	186142	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	434430	20.00	ng		0.00
76) Chrysene-d12	21.51	240	417849	20.00	ng		0.00
87) Perylene-d12	24.57	264	379551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	500903	120.91	ng		0.00
7) Phenol-d6	7.05	99	658787	116.18	ng		0.00
23) Nitrobenzene-d5	9.03	82	347157	63.60	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	280748	106.37	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	812313	62.49	ng		0.00
79) Terphenyl-d14	19.88	244	1415177	64.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	72291	39.989	ng		99
3) Pyridine	3.72	79	142693	28.288	ng		98
4) n-Nitrosodimethylamine	3.63	42	75306	39.307	ng		96
6) Aniline	7.20	93	206377	29.892	ng		99
8) 2-Chlorophenol	7.44	128	199566	44.129	ng		98
9) Benzaldehyde	7.01	77	53345	15.998	ng		99
10) Phenol	7.08	94	244911	44.568	ng		99
11) bis(2-Chloroethyl)ether	7.29	93	184005	39.831	ng		97
12) 1,3-Dichlorobenzene	7.76	146	203108	37.656	ng		98
13) 1,4-Dichlorobenzene	7.91	146	205292	37.872	ng		98
14) 1,2-Dichlorobenzene	8.23	146	196666	38.151	ng		99
15) Benzyl Alcohol	8.11	79	166863	43.632	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	236869	38.152	ng		98
17) 2-Methylphenol	8.33	107	171822	43.768	ng		97
18) Hexachloroethane	8.96	117	73895	37.301	ng		97
19) n-Nitroso-di-n-propylamine	8.68	70	141035	38.692	ng	#	98
20) 3+4-Methylphenols	8.65	107	232268	43.215	ng		99
22) Acetophenone	8.69	105	270877	38.369	ng	#	98
24) Nitrobenzene	9.07	77	205318	38.828	ng		100
25) Isophorone	9.60	82	396634	38.845	ng		99
26) 2-Nitrophenol	9.79	139	117024	40.807	ng		97
27) 2,4-Dimethylphenol	9.86	122	188350	46.777	ng		99
28) bis(2-Chloroethoxy)methane	10.09	93	248937	36.867	ng		99
29) 2,4-Dichlorophenol	10.33	162	200855	41.723	ng		99
30) 1,2,4-Trichlorobenzene	10.54	180	203463	36.545	ng		99
31) Naphthalene	10.73	128	589804	38.440	ng		99
32) Benzoic acid	10.03	122	116089	62.117	ng		97
33) 4-Chloroaniline	10.83	127	135300	20.021	ng		98
34) Hexachlorobutadiene	11.02	225	119702	34.236	ng		98
35) Caprolactam	11.61	113	77320m	44.866	ng		
36) 4-Chloro-3-methylphenol	11.97	107	208224	42.020	ng		97
37) 2-Methylnaphthalene	12.34	142	436504	38.493	ng		98
38) 1-Methylnaphthalene	12.55	142	414067	38.428	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	224126	35.766	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	179539	62.248 ng	97
43) 2,4,6-Trichlorophenol	12.95	196	163850	40.269 ng	99
44) 2,4,5-Trichlorophenol	13.03	196	175104	41.894 ng	97
46) 1,1'-Biphenyl	13.35	154	557881	36.216 ng	99
47) 2-Chloronaphthalene	13.39	162	436441	36.132 ng	99
48) 2-Nitroaniline	13.59	65	132149	39.411 ng	95
49) Acenaphthylene	14.24	152	692549	38.841 ng	100
50) Dimethylphthalate	13.98	163	570541	37.975 ng	99
51) 2,6-Dinitrotoluene	14.09	165	132219	39.903 ng	99
52) Acenaphthene	14.58	154	420150	36.965 ng	99
53) 3-Nitroaniline	14.42	138	97658	27.328 ng	99
54) 2,4-Dinitrophenol	14.63	184	158338	80.180 ng	97
55) Dibenzofuran	14.92	168	671151	38.517 ng	99
56) 4-Nitrophenol	14.75	139	255960	104.128 ng	98
57) 2,4-Dinitrotoluene	14.89	165	186390	40.011 ng	99
58) Fluorene	15.57	166	530284	38.382 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	160067	41.586 ng	97
60) Diethylphthalate	15.34	149	583324	39.185 ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	278125	37.024 ng	100
62) 4-Nitroaniline	15.58	138	129737	36.257 ng	97
63) Azobenzene	15.86	77	495477	39.109 ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	115405	42.902 ng	96
66) n-Nitrosodiphenylamine	15.77	169	497520	36.714 ng	99
67) 4-Bromophenyl-phenylether	16.45	248	190215	35.274 ng	98
68) Hexachlorobenzene	16.58	284	208661	34.225 ng	99
69) Atrazine	16.73	200	200136	39.950 ng	99
70) Pentachlorophenol	16.92	266	251417	83.885 ng	99
71) Phenanthrene	17.31	178	900027	37.421 ng	99
72) Anthracene	17.39	178	929734	39.225 ng	99
73) Carbazole	17.66	167	858451	39.790 ng	100
74) Di-n-butylphthalate	18.23	149	1059482	39.189 ng	98
75) Fluoranthene	19.32	202	1083367	38.050 ng	99
77) Benzidine	19.50	184	108245	7.562 ng	99
78) Pyrene	19.68	202	1138748	37.543 ng	99
80) Butylbenzylphthalate	20.57	149	475615	35.848 ng	99
81) Benzo(a)anthracene	21.49	228	1103058	37.560 ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	303113	26.126 ng	98
83) Chrysene	21.55	228	1052078	37.052 ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	702187	38.410 ng	98
85) Di-n-octyl phthalate	22.56	149	1236129	38.432 ng	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1332657	36.571 ng	99
88) Benzo(b)fluoranthene	23.60	252	1165638	46.710 ng	99
89) Benzo(k)fluoranthene	23.68	252	1145043	47.290 ng	100
90) Benzo(a)pyrene	24.43	252	1060746	45.241 ng	98
91) Dibenzo(a,h)anthracene	28.12	278	1114270	48.053 ng	99
92) Benzo(g,h,i)perylene	29.15	276	1138763	49.016 ng	99

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

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