Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
Data File : BG044157.D
Acq On : 22 Jan 2020 14:23
Operator : JU
Sample : PB126265BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 23 08:06:47 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

Instrument :
BNA_G
ClientSampleId :
PB126265BS

Manual Integrations APPROVED
mohammad
1/23/2020 1:51:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84379	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	351187	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	228635	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	475621	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	402200	20.00	ng		-0.03
87) Perylene-d12	24.66	264	461939	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	672628	146.37	ng		-0.03
7) Phenol-d6	7.10	99	891821	138.83	ng		-0.02
23) Nitrobenzene-d5	9.08	82	468846	71.42	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	323583	135.24	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1039338	82.36	ng		-0.03
79) Terphenyl-d14	19.92	244	1437516	86.60	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	81756	40.802	ng		97
3) Pyridine	3.78	79	200827	33.927	ng		97
4) n-Nitrosodimethylamine	3.70	42	102241	38.795	ng		95
6) Aniline	7.25	93	254869	30.208	ng		99
8) 2-Chlorophenol	7.50	128	249702	46.284	ng		96
9) Benzaldehyde	7.06	77	127502	31.013	ng		99
10) Phenol	7.13	94	308355	46.590	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	226783	39.696	ng		96
12) 1,3-Dichlorobenzene	7.82	146	253906	40.218	ng		98
13) 1,4-Dichlorobenzene	7.96	146	253388	40.677	ng		99
14) 1,2-Dichlorobenzene	8.28	146	241312	40.360	ng		99
15) Benzyl Alcohol	8.17	79	211591	41.736	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	312133	35.314	ng		99
17) 2-Methylphenol	8.38	107	215811	45.059	ng		97
18) Hexachloroethane	9.01	117	95366	39.345	ng		97
19) n-Nitroso-di-n-propylamine	8.74	70	184552	38.578	ng		98
20) 3+4-Methylphenols	8.71	107	295349	44.204	ng		99
22) Acetophenone	8.75	105	342113	39.185	ng	#	99
24) Nitrobenzene	9.12	77	260211	40.021	ng		99
25) Isophorone	9.65	82	499844	40.584	ng		99
26) 2-Nitrophenol	9.84	139	139912	45.483	ng		96
27) 2,4-Dimethylphenol	9.91	122	240566	51.952	ng		99
28) bis(2-Chloroethoxy)methane	10.14	93	323502	39.399	ng		100
29) 2,4-Dichlorophenol	10.38	162	247212	44.757	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	245663	39.667	ng		98
31) Naphthalene	10.78	128	740514	43.574	ng		98
32) Benzoic acid	10.05	122	100819	29.510	ng		93
33) 4-Chloroaniline	10.89	127	182469	22.511	ng		98
34) Hexachlorobutadiene	11.08	225	142130	37.588	ng		98
35) Caprolactam	11.65	113	88046m	42.820	ng		
36) 4-Chloro-3-methylphenol	12.02	107	261432	44.461	ng		99
37) 2-Methylnaphthalene	12.39	142	556451	43.491	ng		96
38) 1-Methylnaphthalene	12.61	142	526477	43.417	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	260957	38.941	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	348291	100.250	ng		99
43) 2,4,6-Trichlorophenol	13.00	196	192089	41.659	ng		98
44) 2,4,5-Trichlorophenol	13.07	196	203832	42.860	ng		98
46) 1,1'-Biphenyl	13.40	154	690207	42.104	ng		97
47) 2-Chloronaphthalene	13.44	162	535773	40.447	ng		98
48) 2-Nitroaniline	13.64	65	164351	38.571	ng		97
49) Acenaphthylene	14.28	152	854268	44.869	ng		97
50) Dimethylphthalate	14.02	163	672127	41.402	ng		99
51) 2,6-Dinitrotoluene	14.14	165	152462	41.551	ng		94
52) Acenaphthene	14.63	154	533430	39.952	ng		97
53) 3-Nitroaniline	14.47	138	117393	28.174	ng		99
54) 2,4-Dinitrophenol	14.67	184	143001	76.739	ng		96
55) Dibenzofuran	14.96	168	806840	43.897	ng		97
56) 4-Nitrophenol	14.78	139	277815	87.007	ng		94
57) 2,4-Dinitrotoluene	14.92	165	211209	42.303	ng		100
58) Fluorene	15.61	166	634648	43.564	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	177473	43.398	ng	#	97
60) Diethylphthalate	15.39	149	683795	42.113	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	328888	41.576	ng		97
62) 4-Nitroaniline	15.63	138	157267	38.220	ng		96
63) Azobenzene	15.90	77	641792	42.621	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	118487	48.320	ng		99
66) n-Nitrosodiphenylamine	15.82	169	591345	42.220	ng		98
67) 4-Bromophenyl-phenylether	16.50	248	210165	39.288	ng		99
68) Hexachlorobenzene	16.62	284	228015	39.558	ng		98
69) Atrazine	16.77	200	214482	47.110	ng		100
70) Pentachlorophenol	16.96	266	231357	72.813	ng		99
71) Phenanthrene	17.35	178	1000175	43.842	ng		96
72) Anthracene	17.44	178	1020574	45.266	ng		97
73) Carbazole	17.71	167	913702	43.873	ng		96
74) Di-n-butylphthalate	18.28	149	1129462	42.477	ng		96
75) Fluoranthene	19.36	202	1132244	43.397	ng		98
77) Benzidine	19.54	184	479006	47.381	ng		100
78) Pyrene	19.72	202	1133012	43.157	ng		95
80) Butylbenzylphthalate	20.61	149	522548	41.807	ng		97
81) Benzo(a)anthracene	21.54	228	1078523	43.246	ng		96
82) 3,3'-Dichlorobenzidine	21.46	252	301445	30.595	ng		99
83) Chrysene	21.60	228	1041043	43.931	ng		95
84) Bis(2-ethylhexyl)phthalate	21.46	149	736629	42.713	ng		96
85) Di-n-octyl phthalate	22.64	149	1288345	44.436	ng		97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1321991	41.050	ng		100
88) Benzo(b)fluoranthene	23.68	252	1135451	41.578	ng		97
89) Benzo(k)fluoranthene	23.75	252	1118834	43.084	ng		97
90) Benzo(a)pyrene	24.52	252	1055683	40.958	ng		97
91) Dibenzo(a,h)anthracene	28.24	278	1099421	42.473	ng		97
92) Benzo(g,h,i)perylene	29.28	276	1114230	43.335	ng		97

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

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