Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043429.D
Acq On : 31 Oct 2019 10:50
Operator : JU
Sample : PB124413BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Manual Integrations APPROVED
mohammad
10/31/2019 2:52:20 PM

Quant Time: Oct 31 13:12:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33715	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	138496	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	113304	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	265556	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	306372	20.00	ng	0.00
87) Perylene-d12	24.86	264	353644	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	237273	128.96	ng	0.00
7) Phenol-d6	7.21	99	323669	122.27	ng	0.00
23) Nitrobenzene-d5	9.18	82	159399	59.34	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	206731	95.88	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	441786	53.88	ng	0.00
79) Terphenyl-d14	20.00	244	880827	53.94	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	30182	42.095	ng	# 93
3) Pyridine	3.88	79	68474	37.859	ng	96
4) n-Nitrosodimethylamine	3.80	42	40798	44.703	ng	# 88
6) Aniline	7.35	93	98614	32.338	ng	98
8) 2-Chlorophenol	7.60	128	98296	48.397	ng	100
9) Benzaldehyde	7.16	77	53251	40.933	ng	91
10) Phenol	7.23	94	115678	47.821	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	75632	40.440	ng	96
12) 1,3-Dichlorobenzene	7.91	146	105810	41.581	ng	93
13) 1,4-Dichlorobenzene	8.06	146	107977	41.939	ng	97
14) 1,2-Dichlorobenzene	8.38	146	100208	39.863	ng	97
15) Benzyl Alcohol	8.27	79	82736	44.503	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	108830	40.020	ng	97
17) 2-Methylphenol	8.48	107	81235	46.067	ng	95
18) Hexachloroethane	9.10	117	37014	39.847	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	70330	41.115	ng	97
20) 3+4-Methylphenols	8.81	107	108120	44.713	ng	89
22) Acetophenone	8.84	105	134825	38.014	ng	98
24) Nitrobenzene	9.22	77	106930	41.784	ng	98
25) Isophorone	9.75	82	192377	39.169	ng	98
26) 2-Nitrophenol	9.94	139	53252	43.102	ng	95
27) 2,4-Dimethylphenol	10.01	122	89384	50.477	ng	100
28) bis(2-Chloroethoxy)methane	10.23	93	106664	39.349	ng	95
29) 2,4-Dichlorophenol	10.49	162	97238	42.858	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	109292	38.219	ng	97
31) Naphthalene	10.88	128	290962	41.389	ng	98
32) Benzoic acid	10.17	122	43780	35.324	ng	97
33) 4-Chloroaniline	10.99	127	60317	20.931	ng	94
34) Hexachlorobutadiene	11.16	225	80978	38.308	ng	93
35) Caprolactam	11.75	113	31196m	39.923	ng	
36) 4-Chloro-3-methylphenol	12.13	107	104312	42.149	ng	97
37) 2-Methylnaphthalene	12.48	142	224143	41.554	ng	98
38) 1-Methylnaphthalene	12.70	142	212101	41.327	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	144211	34.391	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	170123	77.233	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	92002	37.256	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	102508	41.060	ng		97
46) 1,1'-Biphenyl	13.48	154	301334	34.959	ng		98
47) 2-Chloronaphthalene	13.53	162	232036	35.380	ng		97
48) 2-Nitroaniline	13.74	65	67582	34.478	ng		97
49) Acenaphthylene	14.37	152	382772	37.500	ng		97
50) Dimethylphthalate	14.10	163	309330	35.247	ng		98
51) 2,6-Dinitrotoluene	14.22	165	69334	36.365	ng		93
52) Acenaphthene	14.71	154	221723	35.620	ng		94
53) 3-Nitroaniline	14.56	138	44531	24.191	ng		96
54) 2,4-Dinitrophenol	14.77	184	68341	59.459	ng		92
55) Dibenzofuran	15.05	168	365545	36.213	ng		99
56) 4-Nitrophenol	14.89	139	101906	82.610	ng		95
57) 2,4-Dinitrotoluene	15.01	165	99770	36.616	ng		94
58) Fluorene	15.69	166	311878	36.838	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	101247	38.171	ng	#	98
60) Diethylphthalate	15.46	149	304922	34.579	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	174030	35.236	ng		98
62) 4-Nitroaniline	15.72	138	63770	33.544	ng		92
63) Azobenzene	15.98	77	260998	36.571	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	58564	37.474	ng		95
66) n-Nitrosodiphenylamine	15.90	169	278164	37.102	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	124657	34.881	ng		98
68) Hexachlorobenzene	16.70	284	140881	34.342	ng		99
69) Atrazine	16.85	200	119052	45.699	ng		94
70) Pentachlorophenol	17.05	266	154429	82.616	ng		98
71) Phenanthrene	17.44	178	495860	36.464	ng		100
72) Anthracene	17.53	178	520566	38.261	ng		97
73) Carbazole	17.80	167	460013	37.336	ng		98
74) Di-n-butylphthalate	18.35	149	537109	35.928	ng		98
75) Fluoranthene	19.45	202	652545	36.808	ng		100
77) Benzidine	19.63	184	241838	39.222	ng		100
78) Pyrene	19.81	202	666539	35.147	ng		99
80) Butylbenzylphthalate	20.69	149	249626	34.744	ng		98
81) Benzo(a)anthracene	21.64	228	689388	35.923	ng		98
82) 3,3'-Dichlorobenzidine	21.56	252	196578	26.483	ng		99
83) Chrysene	21.71	228	676242	35.465	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	364424	35.707	ng		99
85) Di-n-octyl phthalate	22.74	149	630792	36.430	ng		99
86) Indeno(1,2,3-cd)pyrene	28.49	276	871484	36.411	ng	#	96
88) Benzo(b)fluoranthene	23.84	252	728829	36.388	ng		97
89) Benzo(k)fluoranthene	23.91	252	728187	36.114	ng		99
90) Benzo(a)pyrene	24.71	252	676750	35.383	ng		100
91) Dibenzo(a,h)anthracene	28.56	278	741257	37.890	ng		100
92) Benzo(g,h,i)perylene	29.64	276	734863	38.081	ng		98

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

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