Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043539.D
Acq On : 7 Nov 2019 15:00
Operator : JU
Sample : PB124565BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:00 PM

Quant Time: Nov 08 12:05:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30445	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	124909	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	95137	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	222705	20.00	ng		0.00
76) Chrysene-d12	21.66	240	244357	20.00	ng		0.00
87) Perylene-d12	24.85	264	207974	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	216165	130.11	ng		0.02
7) Phenol-d6	7.22	99	286711	119.94	ng		0.02
23) Nitrobenzene-d5	9.17	82	146978	60.66	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	183689	101.46	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	395748	57.48	ng		0.00
79) Terphenyl-d14	20.00	244	783231	60.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	24065	37.169	ng		96
3) Pyridine	3.86	79	56952	34.871	ng		90
4) n-Nitrosodimethylamine	3.78	42	34474	41.830	ng		89
6) Aniline	7.34	93	77229	28.046	ng		99
8) 2-Chlorophenol	7.59	128	82599	45.037	ng		98
9) Benzaldehyde	7.15	77	21483	18.287	ng		92
10) Phenol	7.24	94	101127	46.296	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	65160	38.583	ng		99
12) 1,3-Dichlorobenzene	7.90	146	87095	37.902	ng		98
13) 1,4-Dichlorobenzene	8.04	146	90655	38.993	ng		97
14) 1,2-Dichlorobenzene	8.36	146	87532	38.560	ng		94
15) Benzyl Alcohol	8.26	79	74600	44.437	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91414	37.226	ng		98
17) 2-Methylphenol	8.48	107	71440	44.863	ng		93
18) Hexachloroethane	9.09	117	32051	38.211	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	60939	39.452	ng		94
20) 3+4-Methylphenols	8.82	107	97537m	44.669	ng		
22) Acetophenone	8.83	105	120951	37.811	ng	#	90
24) Nitrobenzene	9.22	77	93625	40.565	ng	#	98
25) Isophorone	9.73	82	171706	38.763	ng		98
26) 2-Nitrophenol	9.93	139	48566	43.585	ng		96
27) 2,4-Dimethylphenol	10.00	122	79393	49.712	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	94149	38.510	ng		97
29) 2,4-Dichlorophenol	10.49	162	90551	44.252	ng		93
30) 1,2,4-Trichlorobenzene	10.67	180	96173	37.290	ng		94
31) Naphthalene	10.86	128	256293	40.423	ng		99
32) Benzoic acid	10.19	122	47268	40.503	ng		97
33) 4-Chloroaniline	10.99	127	65249	25.106	ng		96
34) Hexachlorobutadiene	11.15	225	69637	36.526	ng		94
35) Caprolactam	11.76	113	28764m	40.815	ng		
36) 4-Chloro-3-methylphenol	12.13	107	94012	42.119	ng		94
37) 2-Methylnaphthalene	12.47	142	195343	40.154	ng		97
38) 1-Methylnaphthalene	12.69	142	188466	40.716	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	124905	35.475	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	88944	48.090	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	81725	39.414	ng		93
44) 2,4,5-Trichlorophenol	13.18	196	86822	41.418	ng		96
46) 1,1'-Biphenyl	13.47	154	259480	35.852	ng		98
47) 2-Chloronaphthalene	13.52	162	201485	36.588	ng		97
48) 2-Nitroaniline	13.73	65	61134	37.144	ng		97
49) Acenaphthylene	14.36	152	329460	38.441	ng		99
50) Dimethylphthalate	14.10	163	272396	36.965	ng		97
51) 2,6-Dinitrotoluene	14.22	165	62264	38.893	ng		97
52) Acenaphthene	14.70	154	196014	37.503	ng		97
53) 3-Nitroaniline	14.56	138	42956	27.792	ng		97
54) 2,4-Dinitrophenol	14.76	184	66008	67.301	ng		93
55) Dibenzofuran	15.04	168	322632	38.065	ng		99
56) 4-Nitrophenol	14.91	139	90422	87.298	ng		90
57) 2,4-Dinitrotoluene	15.01	165	86198	37.676	ng		98
58) Fluorene	15.69	166	269620	37.928	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	87168	39.138	ng		99
60) Diethylphthalate	15.46	149	269303	36.371	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	152819	36.850	ng		97
62) 4-Nitroaniline	15.73	138	59373	37.195	ng		97
63) Azobenzene	15.97	77	224759	37.507	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	54906	41.893	ng		94
66) n-Nitrosodiphenylamine	15.90	169	238269	37.895	ng		96
67) 4-Bromophenyl-phenylether	16.57	248	107866	35.990	ng		99
68) Hexachlorobenzene	16.70	284	121765	35.394	ng		97
69) Atrazine	16.84	200	98821	45.232	ng		97
70) Pentachlorophenol	17.05	266	112734	71.914	ng		97
71) Phenanthrene	17.43	178	429591	37.670	ng		99
72) Anthracene	17.52	178	442693	38.798	ng		99
73) Carbazole	17.80	167	404635	39.161	ng		99
74) Di-n-butylphthalate	18.34	149	478504	38.167	ng		98
75) Fluoranthene	19.44	202	578572	38.915	ng		100
77) Benzidine	19.63	184	98068	19.942	ng		98
78) Pyrene	19.80	202	592925	39.201	ng		100
80) Butylbenzylphthalate	20.69	149	217248	37.911	ng		97
81) Benzo(a)anthracene	21.64	228	592027	38.679	ng		97
82) 3,3'-Dichlorobenzidine	21.56	252	186142	31.442	ng		100
83) Chrysene	21.70	228	565282	37.170	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	308433	37.890	ng		99
85) Di-n-octyl phthalate	22.74	149	516900	37.429	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	710302	37.208	ng	#	96
88) Benzo(b)fluoranthene	23.84	252	605741	51.426	ng		99
89) Benzo(k)fluoranthene	23.91	252	601046	50.687	ng		97
90) Benzo(a)pyrene	24.70	252	551723	49.050	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	609443	52.971	ng		99
92) Benzo(g,h,i)perylene	29.64	276	596100m	52.526	ng		

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

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