Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043482.D
Acq On : 4 Nov 2019 15:55
Operator : JU
Sample : PB124488BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Manual Integrations APPROVED
mohammad
11/5/2019 10:41:01 AM

Quant Time: Nov 04 16:57:23 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	34078	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	142873	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	121125	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	294991	20.00	ng		0.00
76) Chrysene-d12	21.66	240	338214	20.00	ng		0.00
87) Perylene-d12	24.85	264	365501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	244831	131.65	ng		0.00
7) Phenol-d6	7.20	99	336580	125.79	ng		0.00
23) Nitrobenzene-d5	9.17	82	159284	57.48	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	230250	99.89	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	461169	52.61	ng		0.00
79) Terphenyl-d14	19.99	244	979039	54.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	27866	38.451	ng		94
3) Pyridine	3.87	79	65568	35.867	ng		97
4) n-Nitrosodimethylamine	3.78	42	39669	43.003	ng		96
6) Aniline	7.34	93	109777	35.616	ng		100
8) 2-Chlorophenol	7.59	128	99857	48.642	ng		95
9) Benzaldehyde	7.15	77	49665	37.770	ng		87
10) Phenol	7.22	94	118944	48.648	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	78150	41.342	ng		99
12) 1,3-Dichlorobenzene	7.90	146	104832	40.757	ng		99
13) 1,4-Dichlorobenzene	8.04	146	107545	41.326	ng		98
14) 1,2-Dichlorobenzene	8.37	146	101465	39.933	ng		98
15) Benzyl Alcohol	8.26	79	86930	46.261	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	105092	38.233	ng		95
17) 2-Methylphenol	8.47	107	82024	46.019	ng		97
18) Hexachloroethane	9.10	117	38143	40.625	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	69975	40.472	ng		97
20) 3+4-Methylphenols	8.80	107	115085	47.086	ng		98
22) Acetophenone	8.83	105	144516	39.498	ng	#	97
24) Nitrobenzene	9.21	77	107851	40.853	ng		97
25) Isophorone	9.74	82	206684	40.793	ng		99
26) 2-Nitrophenol	9.93	139	55714	43.713	ng	#	91
27) 2,4-Dimethylphenol	9.99	122	92323	50.539	ng		93
28) bis(2-Chloroethoxy)methane	10.22	93	108806	38.909	ng		99
29) 2,4-Dichlorophenol	10.48	162	106744	45.606	ng		99
30) 1,2,4-Trichlorobenzene	10.68	180	115966	39.311	ng		95
31) Naphthalene	10.86	128	298665	41.183	ng		98
32) Benzoic acid	10.16	122	48526	37.280	ng		98
33) 4-Chloroaniline	10.98	127	82907	27.889	ng		98
34) Hexachlorobutadiene	11.15	225	78547	36.019	ng		98
35) Caprolactam	11.75	113	34631m	42.961	ng		
36) 4-Chloro-3-methylphenol	12.11	107	118788	46.527	ng		96
37) 2-Methylnaphthalene	12.47	142	232433	41.771	ng		99
38) 1-Methylnaphthalene	12.69	142	224347	42.374	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	152020	33.913	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	147933	62.823	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	99602	37.730	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	105641	39.583	ng		96
46) 1,1'-Biphenyl	13.47	154	313894	34.065	ng		96
47) 2-Chloronaphthalene	13.52	162	246849	35.209	ng		99
48) 2-Nitroaniline	13.73	65	73744	35.192	ng		85
49) Acenaphthylene	14.37	152	403645	36.992	ng		98
50) Dimethylphthalate	14.10	163	333424	35.539	ng		99
51) 2,6-Dinitrotoluene	14.21	165	75336	36.962	ng		97
52) Acenaphthene	14.71	154	238598	35.856	ng		96
53) 3-Nitroaniline	14.55	138	57430	29.184	ng	#	91
54) 2,4-Dinitrophenol	14.76	184	87349	69.664	ng		93
55) Dibenzofuran	15.04	168	394705	36.577	ng		99
56) 4-Nitrophenol	14.88	139	109616	83.123	ng		93
57) 2,4-Dinitrotoluene	15.01	165	111231	38.186	ng	#	97
58) Fluorene	15.69	166	335928	37.116	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	109122	38.484	ng		96
60) Diethylphthalate	15.45	149	336595	35.706	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	187583	35.528	ng		98
62) 4-Nitroaniline	15.72	138	75015	36.911	ng		98
63) Azobenzene	15.97	77	279467	36.631	ng		99
65) 4,6-Dinitro-2-methylphenol	15.77	198	70922	40.853	ng		95
66) n-Nitrosodiphenylamine	15.89	169	295920	35.532	ng		96
67) 4-Bromophenyl-phenylether	16.58	248	136459	34.373	ng		99
68) Hexachlorobenzene	16.70	284	151245	33.190	ng		98
69) Atrazine	16.85	200	133361	46.083	ng		96
70) Pentachlorophenol	17.05	266	169959	81.851	ng		94
71) Phenanthrene	17.43	178	540566	35.785	ng		99
72) Anthracene	17.52	178	568064	37.586	ng		99
73) Carbazole	17.79	167	524188	38.300	ng		99
74) Di-n-butylphthalate	18.34	149	606398	36.516	ng		99
75) Fluoranthene	19.44	202	753275	38.250	ng		100
77) Benzidine	19.62	184	193611	28.444	ng		98
78) Pyrene	19.80	202	746568	35.661	ng		99
80) Butylbenzylphthalate	20.68	149	284049	35.813	ng		97
81) Benzo(a)anthracene	21.63	228	775152	36.589	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	270804	33.049	ng		100
83) Chrysene	21.70	228	757886	36.005	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	407102	36.133	ng		98
85) Di-n-octyl phthalate	22.74	149	717205	37.521	ng		99
86) Indeno(1,2,3-cd)pyrene	28.49	276	988833	37.424	ng		98
88) Benzo(b)fluoranthene	23.84	252	831730	40.179	ng		99
89) Benzo(k)fluoranthene	23.91	252	820049	39.350	ng		98
90) Benzo(a)pyrene	24.70	252	763136	38.605	ng		98
91) Dibenzo(a,h)anthracene	28.55	278	850588	42.068	ng		100
92) Benzo(g,h,i)perylene	29.63	276	839029	42.068	ng		97

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

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