Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
Data File : BG043507.D
Acq On : 5 Nov 2019 14:37
Operator : JU
Sample : PB124558BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124558BS

Manual Integrations APPROVED
mohammad
11/6/2019 8:41:06 AM

Quant Time: Nov 06 02:15:23 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	29237	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	125298	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	94534	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	226559	20.00	ng		0.00
76) Chrysene-d12	21.66	240	271052	20.00	ng		0.00
87) Perylene-d12	24.85	264	249846	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	221230	138.66	ng		0.00
7) Phenol-d6	7.20	99	297613	129.65	ng		0.00
23) Nitrobenzene-d5	9.17	82	148759	61.21	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	190421	105.85	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	414314	60.56	ng		0.00
79) Terphenyl-d14	20.00	244	880659	60.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	25917	41.683	ng		98
3) Pyridine	3.87	79	59169	37.725	ng		96
4) n-Nitrosodimethylamine	3.79	42	34957	44.169	ng	#	97
6) Aniline	7.34	93	79724	30.148	ng		100
8) 2-Chlorophenol	7.58	128	88743	50.386	ng		97
9) Benzaldehyde	7.15	77	29033	25.735	ng		96
10) Phenol	7.22	94	104919	50.017	ng		96
11) bis(2-Chloroethyl)ether	7.43	93	67552	41.652	ng		99
12) 1,3-Dichlorobenzene	7.90	146	95178	43.131	ng		99
13) 1,4-Dichlorobenzene	8.05	146	95226	42.651	ng		96
14) 1,2-Dichlorobenzene	8.36	146	93887	43.068	ng		97
15) Benzyl Alcohol	8.26	79	73198	45.403	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	94537	40.088	ng		97
17) 2-Methylphenol	8.47	107	73844	48.289	ng		97
18) Hexachloroethane	9.09	117	33986	42.191	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	64109	43.219	ng	#	95
20) 3+4-Methylphenols	8.80	107	98548	46.996	ng		97
22) Acetophenone	8.83	105	123680	38.545	ng	#	99
24) Nitrobenzene	9.22	77	95630	41.305	ng		98
25) Isophorone	9.73	82	178702	40.217	ng		98
26) 2-Nitrophenol	9.93	139	50674	45.336	ng		94
27) 2,4-Dimethylphenol	10.00	122	78742	49.151	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	97065	39.579	ng		98
29) 2,4-Dichlorophenol	10.48	162	91290	44.474	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	101366	39.182	ng		94
31) Naphthalene	10.87	128	266166	41.850	ng		99
32) Benzoic acid	10.17	122	35679	32.718	ng		87
33) 4-Chloroaniline	10.98	127	63452	24.338	ng		99
34) Hexachlorobutadiene	11.15	225	73225	38.289	ng		92
35) Caprolactam	11.75	113	30386m	42.982	ng		
36) 4-Chloro-3-methylphenol	12.11	107	97136	43.383	ng		98
37) 2-Methylnaphthalene	12.47	142	204639	41.935	ng		97
38) 1-Methylnaphthalene	12.69	142	192514	41.462	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	131698	37.643	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	102830	55.952	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	82191	39.892	ng		92
44) 2,4,5-Trichlorophenol	13.17	196	87851	42.176	ng		95
46) 1,1'-Biphenyl	13.48	154	274121	38.117	ng		99
47) 2-Chloronaphthalene	13.52	162	211849	38.716	ng		97
48) 2-Nitroaniline	13.73	65	63781	38.999	ng		91
49) Acenaphthylene	14.36	152	347642	40.821	ng		99
50) Dimethylphthalate	14.09	163	281035	38.381	ng		98
51) 2,6-Dinitrotoluene	14.22	165	64400	40.484	ng		92
52) Acenaphthene	14.70	154	202876	39.064	ng		95
53) 3-Nitroaniline	14.56	138	44642	29.067	ng		97
54) 2,4-Dinitrophenol	14.76	184	75081	75.986	ng		93
55) Dibenzofuran	15.04	168	339448	40.305	ng		99
56) 4-Nitrophenol	14.89	139	94618	91.932	ng		88
57) 2,4-Dinitrotoluene	15.00	165	91285	40.154	ng	#	97
58) Fluorene	15.69	166	280608	39.725	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	91863m	41.510	ng		
60) Diethylphthalate	15.46	149	284334	38.646	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	158253	38.403	ng		98
62) 4-Nitroaniline	15.72	138	66567	41.968	ng		95
63) Azobenzene	15.97	77	234317	39.352	ng		96
65) 4,6-Dinitro-2-methylphenol	15.77	198	59212	44.410	ng		93
66) n-Nitrosodiphenylamine	15.90	169	254858	39.844	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	115082	37.744	ng		97
68) Hexachlorobenzene	16.70	284	126283	36.082	ng		96
69) Atrazine	16.84	200	109961	49.474	ng		98
70) Pentachlorophenol	17.05	266	136586	85.647	ng		99
71) Phenanthrene	17.43	178	461715	39.798	ng		99
72) Anthracene	17.52	178	474254	40.857	ng		100
73) Carbazole	17.79	167	446789	42.505	ng		99
74) Di-n-butylphthalate	18.35	149	526450	41.277	ng		99
75) Fluoranthene	19.44	202	645476	42.677	ng		99
77) Benzidine	19.63	184	158664	29.086	ng		97
78) Pyrene	19.80	202	650326	38.761	ng		100
80) Butylbenzylphthalate	20.68	149	249357	39.229	ng		97
81) Benzo(a)anthracene	21.64	228	678588	39.967	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	222769	33.923	ng		95
83) Chrysene	21.70	228	664846	39.411	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	363991	40.312	ng		99
85) Di-n-octyl phthalate	22.74	149	626454	40.894	ng		100
86) Indeno(1,2,3-cd)pyrene	28.49	276	854347	40.346	ng		99
88) Benzo(b)fluoranthene	23.84	252	713957	50.455	ng		98
89) Benzo(k)fluoranthene	23.90	252	719470	50.505	ng		99
90) Benzo(a)pyrene	24.70	252	658745	48.750	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	734756	53.160	ng		98
92) Benzo(g,h,i)perylene	29.64	276	727853	53.387	ng		97

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

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