Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
Data File : BG043301.D
Acq On : 22 Oct 2019 11:10
Operator : JU
Sample : PB123945BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123945BSD

Manual Integrations APPROVED
mohammad
10/22/2019 10:29:08 PM

Quant Time: Oct 22 13:10:08 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	29908	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	119341	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	87993	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	209091	20.00	ng		0.00
76) Chrysene-d12	21.67	240	258247	20.00	ng		0.00
87) Perylene-d12	24.87	264	295260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	207784	127.31	ng		0.00
7) Phenol-d6	7.20	99	284942	121.34	ng		0.00
23) Nitrobenzene-d5	9.19	82	144836	62.57	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	191369	114.28	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	397857	62.48	ng		0.00
79) Terphenyl-d14	20.00	244	876172	63.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	24476	38.483	ng	#	92
3) Pyridine	3.89	79	59167	36.878	ng		96
4) n-Nitrosodimethylamine	3.80	42	37313	46.088	ng		98
6) Aniline	7.35	93	98114	36.270	ng		96
8) 2-Chlorophenol	7.59	128	84685	47.003	ng		98
9) Benzaldehyde	7.16	77	49603	42.982	ng		91
10) Phenol	7.23	94	99729	46.476	ng		95
11) bis(2-Chloroethyl)ether	7.44	93	71999	43.398	ng		95
12) 1,3-Dichlorobenzene	7.92	146	94309	41.778	ng		90
13) 1,4-Dichlorobenzene	8.06	146	95075	41.628	ng		97
14) 1,2-Dichlorobenzene	8.38	146	91196	40.895	ng		99
15) Benzyl Alcohol	8.27	79	72673	44.066	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99866	41.398	ng		97
17) 2-Methylphenol	8.48	107	70235	44.899	ng		96
18) Hexachloroethane	9.11	117	33829	41.054	ng		94
19) n-Nitroso-di-n-propylamine	8.83	70	60189	39.666	ng	#	94
20) 3+4-Methylphenols	8.81	107	94628	44.114	ng		93
22) Acetophenone	8.85	105	122513	40.087	ng		98
24) Nitrobenzene	9.23	77	93937	42.599	ng		94
25) Isophorone	9.75	82	179444	42.400	ng		98
26) 2-Nitrophenol	9.94	139	47743	44.846	ng		95
27) 2,4-Dimethylphenol	10.01	122	78832	51.663	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	96769	41.428	ng		99
29) 2,4-Dichlorophenol	10.49	162	86679	44.336	ng		86
30) 1,2,4-Trichlorobenzene	10.69	180	101578	41.223	ng		100
31) Naphthalene	10.88	128	263476	43.494	ng		98
32) Benzoic acid	10.14	122	36142	34.221	ng		91
33) 4-Chloroaniline	11.00	127	56522	22.762	ng		98
34) Hexachlorobutadiene	11.17	225	73839	40.537	ng		89
35) Caprolactam	11.75	113	29895m	44.399	ng		
36) 4-Chloro-3-methylphenol	12.12	107	96728	45.358	ng		98
37) 2-Methylnaphthalene	12.48	142	200502	43.138	ng		96
38) 1-Methylnaphthalene	12.70	142	191897	43.392	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	129497	39.766	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	174026	101.731	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	82958	43.257	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	86749	44.743	ng		99
46) 1,1'-Biphenyl	13.49	154	273829	40.906	ng		99
47) 2-Chloronaphthalene	13.53	162	211575	41.540	ng		98
48) 2-Nitroaniline	13.73	65	59844	39.312	ng		100
49) Acenaphthylene	14.38	152	344848	43.503	ng		98
50) Dimethylphthalate	14.10	163	290599	42.637	ng		99
51) 2,6-Dinitrotoluene	14.22	165	63121	42.629	ng		99
52) Acenaphthene	14.72	154	202974	41.988	ng		100
53) 3-Nitroaniline	14.56	138	42093	29.444	ng		98
54) 2,4-Dinitrophenol	14.76	184	70968	77.049	ng		92
55) Dibenzofuran	15.05	168	336249	42.893	ng		99
56) 4-Nitrophenol	14.88	139	96216	100.434	ng		94
57) 2,4-Dinitrotoluene	15.02	165	90686	42.856	ng		100
58) Fluorene	15.70	166	282448	42.958	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	93939	45.603	ng	#	99
60) Diethylphthalate	15.47	149	289443	42.265	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	160438	41.828	ng		93
62) 4-Nitroaniline	15.73	138	60341	40.871	ng		99
63) Azobenzene	15.98	77	242935	43.832	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	57113	46.414	ng		87
66) n-Nitrosodiphenylamine	15.90	169	252673	42.803	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	115600	41.082	ng		98
68) Hexachlorobenzene	16.71	284	128646	39.829	ng		99
69) Atrazine	16.85	200	115152	56.138	ng		92
70) Pentachlorophenol	17.05	266	142527	96.839	ng		96
71) Phenanthrene	17.44	178	455729	42.564	ng		99
72) Anthracene	17.53	178	477654	44.588	ng		99
73) Carbazole	17.80	167	438059	45.156	ng		99
74) Di-n-butylphthalate	18.35	149	525170	44.616	ng		99
75) Fluoranthene	19.45	202	648767	46.478	ng		99
77) Benzidine	19.63	184	306282	58.931	ng		98
78) Pyrene	19.81	202	657550	41.135	ng		100
80) Butylbenzylphthalate	20.69	149	250210	41.315	ng		97
81) Benzo(a)anthracene	21.65	228	699718	43.255	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	203731	32.562	ng		98
83) Chrysene	21.71	228	686579	42.718	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	366860	42.644	ng		99
85) Di-n-octyl phthalate	22.75	149	628788	43.081	ng		99
86) Indeno(1,2,3-cd)pyrene	28.51	276	862539	42.753	ng		100
88) Benzo(b)fluoranthene	23.85	252	711191	42.529	ng		99
89) Benzo(k)fluoranthene	23.92	252	747972	44.430	ng		99
90) Benzo(a)pyrene	24.72	252	675974	42.331	ng		99
91) Dibenzo(a,h)anthracene	28.58	278	724438	44.352	ng		98
92) Benzo(g,h,i)perylene	29.65	276	733100	45.501	ng		97

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

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