Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
Data File : BG043309.D
Acq On : 23 Oct 2019 15:28
Operator : JU
Sample : PB124203BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Manual Integrations APPROVED
mohammad
10/24/2019 2:11:35 PM

Quant Time: Oct 24 06:53:02 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	8.03	152	37098	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	147948	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	116895	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	290129	20.00	ng		0.00
76) Chrysene-d12	21.67	240	338512	20.00	ng		0.00
87) Perylene-d12	24.87	264	284819	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	214360	105.88	ng		0.00
7) Phenol-d6	7.20	99	294983	101.27	ng		0.00
23) Nitrobenzene-d5	9.19	82	148588	51.78	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	217070	97.58	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	437455	51.71	ng		0.00
79) Terphenyl-d14	20.01	244	989070	54.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	24556	31.126	ng		89
3) Pyridine	3.89	79	51627	25.942	ng		92
4) n-Nitrosodimethylamine	3.81	42	34372	34.227	ng		91
6) Aniline	7.35	93	85751	25.556	ng		97
8) 2-Chlorophenol	7.60	128	87002	38.930	ng		97
9) Benzaldehyde	7.16	77	28050	19.595	ng		89
10) Phenol	7.23	94	106312	39.942	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	70737	34.374	ng		93
12) 1,3-Dichlorobenzene	7.91	146	90124	32.187	ng		96
13) 1,4-Dichlorobenzene	8.06	146	91011	32.126	ng		97
14) 1,2-Dichlorobenzene	8.38	146	89382	32.314	ng		96
15) Benzyl Alcohol	8.27	79	75613	36.963	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99891	33.383	ng		97
17) 2-Methylphenol	8.48	107	74912	38.607	ng		97
18) Hexachloroethane	9.11	117	32973	32.260	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	64020	34.014	ng		96
20) 3+4-Methylphenols	8.81	107	100754	37.867	ng		90
22) Acetophenone	8.85	105	128443	33.901	ng	#	97
24) Nitrobenzene	9.23	77	94886	34.709	ng		99
25) Isophorone	9.75	82	187991	35.831	ng		99
26) 2-Nitrophenol	9.94	139	48088	36.436	ng		95
27) 2,4-Dimethylphenol	10.01	122	82223	43.466	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	101454	35.036	ng	#	91
29) 2,4-Dichlorophenol	10.49	162	90154	37.197	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	100084	32.763	ng		98
31) Naphthalene	10.88	128	267331	35.598	ng		98
32) Benzoic acid	10.15	122	40900	32.027	ng		96
33) 4-Chloroaniline	11.00	127	79131	25.706	ng		97
34) Hexachlorobutadiene	11.17	225	72186	31.967	ng		99
35) Caprolactam	11.76	113	33010m	39.545	ng		
36) 4-Chloro-3-methylphenol	12.12	107	105655	39.964	ng		98
37) 2-Methylnaphthalene	12.48	142	213794	37.103	ng		99
38) 1-Methylnaphthalene	12.70	142	200709	36.609	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	134832	31.167	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	109056	47.989	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	93259	36.605	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	102902	39.952	ng		99
46) 1,1'-Biphenyl	13.48	154	288859	32.483	ng		100
47) 2-Chloronaphthalene	13.53	162	223494	33.031	ng		98
48) 2-Nitroaniline	13.74	65	70797	35.008	ng		92
49) Acenaphthylene	14.38	152	373374	35.456	ng		98
50) Dimethylphthalate	14.11	163	317713	35.090	ng		98
51) 2,6-Dinitrotoluene	14.22	165	73863	37.550	ng		92
52) Acenaphthene	14.72	154	222802	34.694	ng		99
53) 3-Nitroaniline	14.56	138	49637	26.137	ng		93
54) 2,4-Dinitrophenol	14.77	184	82471	68.312	ng		95
55) Dibenzofuran	15.05	168	375179	36.026	ng		98
56) 4-Nitrophenol	14.88	139	111792	87.841	ng		94
57) 2,4-Dinitrotoluene	15.01	165	106138	37.757	ng	#	97
58) Fluorene	15.70	166	311958	35.715	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.28	232	104323	38.122	ng	#	97
60) Diethylphthalate	15.46	149	325434	35.771	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	180882	35.498	ng		98
62) 4-Nitroaniline	15.73	138	69360	35.364	ng		97
63) Azobenzene	15.98	77	267490	36.329	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	64464	37.755	ng		97
66) n-Nitrosodiphenylamine	15.90	169	282931	34.541	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	129062	33.055	ng		97
68) Hexachlorobenzene	16.71	284	144833	32.315	ng		97
69) Atrazine	16.85	200	124182	43.630	ng		94
70) Pentachlorophenol	17.06	266	173670	85.040	ng		94
71) Phenanthrene	17.44	178	518904	34.927	ng		99
72) Anthracene	17.53	178	530888	35.715	ng		99
73) Carbazole	17.80	167	496198	36.862	ng		100
74) Di-n-butylphthalate	18.36	149	588425	36.027	ng		99
75) Fluoranthene	19.45	202	723458	37.352	ng		99
77) Benzidine	19.64	184	84004	12.331	ng		98
78) Pyrene	19.81	202	733117	34.988	ng		99
80) Butylbenzylphthalate	20.69	149	271384	34.186	ng		98
81) Benzo(a)anthracene	21.65	228	744239	35.099	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	244733	29.841	ng		99
83) Chrysene	21.72	228	721048	34.225	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	393006	34.851	ng		99
85) Di-n-octyl phthalate	22.76	149	667368	34.883	ng		99
86) Indeno(1,2,3-cd)pyrene	28.52	276	914999	34.599	ng		100
88) Benzo(b)fluoranthene	23.85	252	779014	48.292	ng		98
89) Benzo(k)fluoranthene	23.92	252	799475	49.230	ng		98
90) Benzo(a)pyrene	24.72	252	711326	46.177	ng		99
91) Dibenzo(a,h)anthracene	28.58	278	782838	49.684	ng		96
92) Benzo(g,h,i)perylene	29.65	276	776205	49.943	ng		96

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

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