Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043527.D
Acq On : 6 Nov 2019 19:31
Operator : JU
Sample : PB124575BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Manual Integrations APPROVED
Sohil
11/8/2019 3:29:54 PM

Quant Time: Nov 07 01:20:49 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	26569	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	103393	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	73514	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	173095	20.00	ng		0.00
76) Chrysene-d12	21.65	240	195023	20.00	ng		0.00
87) Perylene-d12	24.85	264	225403	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	186551	128.66	ng		0.00
7) Phenol-d6	7.19	99	254088	121.80	ng		0.00
23) Nitrobenzene-d5	9.17	82	127477	63.56	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	158448	113.26	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	349666	65.72	ng		0.00
79) Terphenyl-d14	20.00	244	691545	66.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	23462	41.524	ng		98
3) Pyridine	3.87	79	56941	39.950	ng		95
4) n-Nitrosodimethylamine	3.79	42	31688	44.059	ng	#	95
6) Aniline	7.34	93	71974	29.950	ng		98
8) 2-Chlorophenol	7.58	128	76554	47.830	ng		96
9) Benzaldehyde	7.15	77	41287	40.272	ng		88
10) Phenol	7.22	94	92505	48.527	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	62884	42.668	ng		97
12) 1,3-Dichlorobenzene	7.90	146	85700	42.736	ng		97
13) 1,4-Dichlorobenzene	8.05	146	86199	42.485	ng		98
14) 1,2-Dichlorobenzene	8.36	146	83609	42.205	ng		97
15) Benzyl Alcohol	8.25	79	65242	44.532	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	83695	39.055	ng		97
17) 2-Methylphenol	8.47	107	62224	44.776	ng		97
18) Hexachloroethane	9.09	117	31343	42.818	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	54634	40.530	ng		94
20) 3+4-Methylphenols	8.80	107	83758	43.954	ng		98
22) Acetophenone	8.83	105	109964	41.530	ng	#	97
24) Nitrobenzene	9.22	77	84949	44.465	ng	#	98
25) Isophorone	9.73	82	153397	41.836	ng		98
26) 2-Nitrophenol	9.93	139	43427	47.083	ng		96
27) 2,4-Dimethylphenol	10.00	122	70627	53.426	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	86086	42.540	ng		99
29) 2,4-Dichlorophenol	10.48	162	77161	45.555	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	90582	42.431	ng		96
31) Naphthalene	10.87	128	235686	44.908	ng		99
32) Benzoic acid	10.16	122	29300	32.604	ng		93
33) 4-Chloroaniline	10.99	127	54208	25.198	ng		98
34) Hexachlorobutadiene	11.15	225	64632	40.956	ng		96
35) Caprolactam	11.75	113	25840	44.296	ng	#	89
36) 4-Chloro-3-methylphenol	12.11	107	84716	45.852	ng		99
37) 2-Methylnaphthalene	12.47	142	179195	44.500	ng		97
38) 1-Methylnaphthalene	12.69	142	169303	44.188	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	111327	40.919	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	119969	83.943	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	72040	44.963	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	74211	45.815	ng		97
46) 1,1'-Biphenyl	13.48	154	237110	42.398	ng		98
47) 2-Chloronaphthalene	13.52	162	181883	42.744	ng		98
48) 2-Nitroaniline	13.73	65	55478	43.622	ng		96
49) Acenaphthylene	14.36	152	298847	45.125	ng		100
50) Dimethylphthalate	14.09	163	243000	42.675	ng		99
51) 2,6-Dinitrotoluene	14.22	165	55806	45.112	ng		94
52) Acenaphthene	14.70	154	178601	44.223	ng		99
53) 3-Nitroaniline	14.56	138	35944	30.095	ng		96
54) 2,4-Dinitrophenol	14.76	184	57601	75.061	ng		96
55) Dibenzofuran	15.04	168	287729	43.932	ng		96
56) 4-Nitrophenol	14.89	139	70501	88.086	ng		92
57) 2,4-Dinitrotoluene	15.00	165	79707	45.086	ng	#	97
58) Fluorene	15.69	166	242625	44.169	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	76522m	44.464	ng		
60) Diethylphthalate	15.46	149	241239	42.164	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	136636	42.638	ng		97
62) 4-Nitroaniline	15.72	138	52766	42.779	ng		95
63) Azobenzene	15.97	77	204564	44.178	ng		99
65) 4,6-Dinitro-2-methylphenol	15.77	198	48700	47.808	ng		93
66) n-Nitrosodiphenylamine	15.90	169	219205	44.855	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	96423	41.393	ng		95
68) Hexachlorobenzene	16.70	284	110123	41.184	ng		95
69) Atrazine	16.84	200	93645	55.147	ng		96
70) Pentachlorophenol	17.05	266	108131	88.747	ng		98
71) Phenanthrene	17.43	178	392361	44.266	ng		99
72) Anthracene	17.52	178	404524	45.614	ng		99
73) Carbazole	17.79	167	363280	45.235	ng		99
74) Di-n-butylphthalate	18.34	149	439013	45.053	ng		99
75) Fluoranthene	19.44	202	516728	44.717	ng		99
77) Benzidine	19.62	184	156132	39.780	ng		98
78) Pyrene	19.80	202	531455	44.025	ng		99
80) Butylbenzylphthalate	20.68	149	198493	43.401	ng		98
81) Benzo(a)anthracene	21.64	228	539922	44.198	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	157144	33.258	ng	#	99
83) Chrysene	21.70	228	519821	42.827	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	286255	44.062	ng		99
85) Di-n-octyl phthalate	22.74	149	496452	45.041	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	681642	44.740	ng		99
88) Benzo(b)fluoranthene	23.84	252	554315	43.421	ng		100
89) Benzo(k)fluoranthene	23.90	252	572900	44.578	ng		98
90) Benzo(a)pyrene	24.70	252	524749	43.045	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	578345	46.381	ng		98
92) Benzo(g,h,i)perylene	29.63	276	570522	46.385	ng		98

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

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