Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040822.D
Acq On : 9 May 2019 19:09
Operator : HP/JU
Sample : PB119587BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119587BS

Manual Integrations APPROVED
Sohil
5/13/2019 8:39:03 PM

Quant Time: May 10 06:42:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	47263	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	187935	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	141556	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	388030	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	393521	20.00	ng		-0.02
87) Perylene-d12	25.16	264	372478	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	392522	146.40	ng		-0.01
7) Phenol-d6	7.28	99	560487	135.77	ng		-0.01
23) Nitrobenzene-d5	9.32	82	340152	83.63	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	306640	157.60	ng		-0.01
45) 2-Fluorobiphenyl	13.39	172	745535	76.06	ng		-0.02
79) Terphenyl-d14	20.11	244	1536679	86.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	46105	37.811	ng	#	88
3) Pyridine	3.95	79	118118	33.420	ng		98
4) n-Nitrosodimethylamine	3.86	42	68471	34.927	ng	#	99
6) Aniline	7.46	93	146431	26.761	ng		97
8) 2-Chlorophenol	7.70	128	128817	39.347	ng		98
9) Benzaldehyde	7.28	77	82162	31.015	ng		95
10) Phenol	7.31	94	176044	39.670	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	117893	35.427	ng		97
12) 1,3-Dichlorobenzene	8.03	146	135585	37.943	ng		97
13) 1,4-Dichlorobenzene	8.18	146	137708	38.016	ng		96
14) 1,2-Dichlorobenzene	8.50	146	130257	37.286	ng		98
15) Benzyl Alcohol	8.38	79	145318	33.830	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	200923	30.327	ng		95
17) 2-Methylphenol	8.57	107	120298	38.305	ng		95
18) Hexachloroethane	9.23	117	52171	35.109	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	115831	31.169	ng		97
20) 3+4-Methylphenols	8.90	107	164715	37.650	ng		94
22) Acetophenone	8.97	105	213844	40.919	ng	#	94
24) Nitrobenzene	9.36	77	179668	41.402	ng		95
25) Isophorone	9.87	82	324002	35.762	ng		100
26) 2-Nitrophenol	10.07	139	75649	48.631	ng		99
27) 2,4-Dimethylphenol	10.11	122	132732	45.477	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	169432	37.274	ng		98
29) 2,4-Dichlorophenol	10.60	162	149889	45.173	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	160623	43.652	ng		99
31) Naphthalene	11.01	128	401087	40.171	ng		96
32) Benzoic acid	10.22	122	75679	37.877	ng		85
33) 4-Chloroaniline	11.13	127	110654	24.996	ng		93
34) Hexachlorobutadiene	11.28	225	116145	42.755	ng		98
35) Caprolactam	11.90	113	51216	39.096	ng		95
36) 4-Chloro-3-methylphenol	12.22	107	175053	41.820	ng		98
37) 2-Methylnaphthalene	12.61	142	304486	40.788	ng		99
38) 1-Methylnaphthalene	12.83	142	291309	39.923	ng	#	94
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	212496	40.296	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	247413	79.511	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	144447	45.328	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	158281	45.595	ng		97
46) 1,1'-Biphenyl	13.60	154	410951	37.391	ng		98
47) 2-Chloronaphthalene	13.66	162	343235	39.906	ng		95
48) 2-Nitroaniline	13.86	65	139688	45.625	ng		98
49) Acenaphthylene	14.50	152	541133	37.082	ng		99
50) Dimethylphthalate	14.22	163	466406	39.380	ng		99
51) 2,6-Dinitrotoluene	14.34	165	103117	44.610	ng		95
52) Acenaphthene	14.84	154	321457	37.826	ng		93
53) 3-Nitroaniline	14.68	138	85594	36.140	ng		97
54) 2,4-Dinitrophenol	14.88	184	69731	55.812	ng	#	88
55) Dibenzofuran	15.17	168	557315	40.038	ng		96
56) 4-Nitrophenol	14.97	139	159678	77.752	ng		92
57) 2,4-Dinitrotoluene	15.13	165	155621	49.545	ng		91
58) Fluorene	15.81	166	444032	39.467	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	167762	48.013	ng		96
60) Diethylphthalate	15.57	149	483440	38.687	ng		100
61) 4-Chlorophenyl-phenylether	15.80	204	273844	41.850	ng		97
62) 4-Nitroaniline	15.84	138	112084	42.306	ng		95
63) Azobenzene	16.10	77	472939	36.750	ng		97
65) 4,6-Dinitro-2-methylphenol	15.88	198	69213	37.946	ng		88
66) n-Nitrosodiphenylamine	16.02	169	416756	36.505	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	182613	37.774	ng		95
68) Hexachlorobenzene	16.81	284	194770	38.964	ng		97
69) Atrazine	16.95	200	184389	40.766	ng		97
70) Pentachlorophenol	17.15	266	229753	78.546	ng		96
71) Phenanthrene	17.56	178	798011	38.182	ng		99
72) Anthracene	17.65	178	814281	38.760	ng		99
73) Carbazole	17.92	167	718732	37.551	ng		97
74) Di-n-butylphthalate	18.45	149	871952	37.744	ng		100
75) Fluoranthene	19.56	202	1052656	40.416	ng		98
77) Benzidine	19.74	184	328777	30.514	ng		97
78) Pyrene	19.92	202	1041098	42.211	ng		98
80) Butylbenzylphthalate	20.79	149	400006	41.611	ng		94
81) Benzo(a)anthracene	21.78	228	1013255	40.741	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	274406	30.955	ng		99
83) Chrysene	21.85	228	997449	42.170	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	551540	39.747	ng		98
85) Di-n-octyl phthalate	22.90	149	930030	39.797	ng		96
86) Indeno(1,2,3-cd)pyrene	29.00	276	846928	29.616	ng	#	90
88) Benzo(b)fluoranthene	24.07	252	964346	42.367	ng		99
89) Benzo(k)fluoranthene	24.15	252	1024497m	48.196	ng		
90) Benzo(a)pyrene	24.99	252	950919	44.135	ng		99
91) Dibenzo(a,h)anthracene	29.07	278	624297	28.633	ng		97
92) Benzo(g,h,i)perylene	30.22	276	688728	31.739	ng		98

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

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