Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
Data File : BG041887.D
Acq On : 2 Aug 2019 14:14
Operator : HP/JU
Sample : K4107-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1MS

Quant Time: Aug 02 18:18:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81070	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	334855	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	267707	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	655185	20.00	ng		0.00
76) Chrysene-d12	21.74	240	684443	20.00	ng		0.00
87) Perylene-d12	25.01	264	804164	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	545028	130.80	ng		0.00
7) Phenol-d6	7.20	99	764010	136.01	ng		0.00
23) Nitrobenzene-d5	9.21	82	454708	93.45	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	512782	168.63	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1178238	77.63	ng		0.00
79) Terphenyl-d14	20.06	244	2249570	75.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	54676	27.879	ng		93
3) Pyridine	3.87	79	140966	26.211	ng		92
4) n-Nitrosodimethylamine	3.78	42	83589	39.207	ng		100
6) Aniline	7.36	93	240704	30.430	ng		93
8) 2-Chlorophenol	7.60	128	221165	46.353	ng		94
9) Benzaldehyde	7.17	77	112712	28.515	ng		95
10) Phenol	7.22	94	270465	46.280	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	186704	38.860	ng		93
12) 1,3-Dichlorobenzene	7.93	146	231184	37.124	ng		96
13) 1,4-Dichlorobenzene	8.08	146	239112	38.374	ng		95
14) 1,2-Dichlorobenzene	8.40	146	226117	38.030	ng		96
15) Benzyl Alcohol	8.28	79	196669	44.501	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	308774	36.124	ng		98
17) 2-Methylphenol	8.48	107	190019	44.708	ng		99
18) Hexachloroethane	9.14	117	79953	37.469	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	159896	39.206	ng		91
20) 3+4-Methylphenols	8.81	107	275402	47.351	ng		99
22) Acetophenone	8.87	105	318462	42.519	ng	#	94
24) Nitrobenzene	9.25	77	228543	44.583	ng		96
25) Isophorone	9.78	82	455921	43.072	ng		99
26) 2-Nitrophenol	9.96	139	148088	62.244	ng		97
27) 2,4-Dimethylphenol	10.03	122	228699	54.464	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	265992	40.212	ng		100
29) 2,4-Dichlorophenol	10.51	162	276500	54.072	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	265206	40.899	ng		97
31) Naphthalene	10.92	128	654381	42.699	ng		98
32) Benzoic acid	10.20	122	1902m	9.247	ng		
33) 4-Chloroaniline	11.02	127	169428	23.312	ng		97
34) Hexachlorobutadiene	11.21	225	168456	38.492	ng		98
35) Caprolactam	11.81	113	108174m	60.871	ng		
36) 4-Chloro-3-methylphenol	12.14	107	284861	56.190	ng		95
37) 2-Methylnaphthalene	12.53	142	526392	43.394	ng		99
38) 1-Methylnaphthalene	12.74	142	509776	44.344	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	336582	39.719	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	363089	76.210	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	305310	57.004	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	329444	59.191	ng		94
46) 1,1'-Biphenyl	13.53	154	690564	40.128	ng		97
47) 2-Chloronaphthalene	13.57	162	585611	39.969	ng		96
48) 2-Nitroaniline	13.77	65	189520	51.002	ng		93
49) Acenaphthylene	14.42	152	946383	43.181	ng		98
50) Dimethylphthalate	14.15	163	1035252	56.623	ng		99
51) 2,6-Dinitrotoluene	14.27	165	204434	53.474	ng		88
52) Acenaphthene	14.77	154	592804	41.588	ng		98
53) 3-Nitroaniline	14.59	138	148555	36.322	ng		89
54) 2,4-Dinitrophenol	14.80	184	76487	41.044	ng		87
55) Dibenzofuran	15.10	168	955681	43.833	ng		96
56) 4-Nitrophenol	14.91	139	408638	131.624	ng		94
57) 2,4-Dinitrotoluene	15.05	165	294184	55.955	ng		92
58) Fluorene	15.75	166	790342	45.170	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	332138	60.252	ng		92
60) Diethylphthalate	15.52	149	830373	46.261	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	469986	43.999	ng		95
62) 4-Nitroaniline	15.76	138	227844	51.432	ng		96
63) Azobenzene	16.03	77	644356	43.945	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	162841	50.384	ng		83
66) n-Nitrosodiphenylamine	15.95	169	775507	43.454	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	336903	41.744	ng		96
68) Hexachlorobenzene	16.76	284	345391	40.907	ng	#	92
69) Atrazine	16.90	200	319289	45.534	ng		99
70) Pentachlorophenol	17.10	266	448209	93.446	ng		98
71) Phenanthrene	17.50	178	1326211	42.229	ng		97
72) Anthracene	17.59	178	1378944	44.026	ng		97
73) Carbazole	17.85	167	1269108	45.145	ng		97
74) Di-n-butylphthalate	18.41	149	1359563	42.659	ng		96
75) Fluoranthene	19.51	202	1595510	41.797	ng		93
77) Benzidine	19.68	184	640377	28.665	ng		98
78) Pyrene	19.87	202	1632133	40.248	ng		96
80) Butylbenzylphthalate	20.75	149	669421	43.056	ng		90
81) Benzo(a)anthracene	21.72	228	1665387	41.126	ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	419303	25.790	ng		97
83) Chrysene	21.79	228	1615906	41.629	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	955511	44.553	ng		98
85) Di-n-octyl phthalate	22.87	149	1644332	45.557	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2196043	42.737	ng	#	88
88) Benzo(b)fluoranthene	23.97	252	1832623	41.659	ng	#	97
89) Benzo(k)fluoranthene	24.04	252	1790963	41.794	ng	#	97
90) Benzo(a)pyrene	24.86	252	1813756	42.989	ng	#	96
91) Dibenzo(a,h)anthracene	28.83	278	1816157	43.839	ng	#	95
92) Benzo(g,h,i)perylene	29.94	276	1805931	43.633	ng	#	94

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

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