Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
Data File : BG041888.D
Acq On : 2 Aug 2019 14:52
Operator : HP/JU
Sample : K4107-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1MSD

Quant Time: Aug 02 18:19:51 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	81710	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	331011	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	263290	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	662630	20.00	ng		0.00
76) Chrysene-d12	21.74	240	676131	20.00	ng		0.00
87) Perylene-d12	25.01	264	802013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	541749	129.00	ng		0.00
7) Phenol-d6	7.20	99	757263	133.75	ng		0.00
23) Nitrobenzene-d5	9.20	82	446626	92.85	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	518739	173.46	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1162165	77.85	ng		0.00
79) Terphenyl-d14	20.06	244	2263503	76.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	55743	28.200	ng		94
3) Pyridine	3.86	79	137461	25.359	ng		93
4) n-Nitrosodimethylamine	3.78	42	81803	38.069	ng		96
6) Aniline	7.36	93	223750	28.065	ng		97
8) 2-Chlorophenol	7.60	128	221605	46.081	ng		93
9) Benzaldehyde	7.17	77	116176	29.161	ng		92
10) Phenol	7.22	94	267558	45.424	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	184550	38.111	ng		92
12) 1,3-Dichlorobenzene	7.93	146	231769	36.926	ng		97
13) 1,4-Dichlorobenzene	8.08	146	234761	37.380	ng		94
14) 1,2-Dichlorobenzene	8.40	146	224290	37.427	ng		96
15) Benzyl Alcohol	8.28	79	196593	44.135	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	302467	35.109	ng		94
17) 2-Methylphenol	8.48	107	189644	44.270	ng		100
18) Hexachloroethane	9.14	117	80045	37.219	ng		87
19) n-Nitroso-di-n-propylamine	8.85	70	155801	37.903	ng		93
20) 3+4-Methylphenols	8.81	107	270802	46.195	ng		98
22) Acetophenone	8.86	105	310086	41.881	ng	#	93
24) Nitrobenzene	9.25	77	228254	45.043	ng		97
25) Isophorone	9.78	82	446518	42.673	ng		98
26) 2-Nitrophenol	9.96	139	145298	61.780	ng		96
27) 2,4-Dimethylphenol	10.03	122	220851	53.206	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	263181	40.249	ng		99
29) 2,4-Dichlorophenol	10.51	162	272010	53.812	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	262374	40.932	ng		98
31) Naphthalene	10.91	128	643104	42.451	ng		99
32) Benzoic acid	10.22	122	1980m	9.275	ng		
33) 4-Chloroaniline	11.02	127	177245	24.671	ng		94
34) Hexachlorobutadiene	11.21	225	164266	37.970	ng		99
35) Caprolactam	11.80	113	108565m	61.801	ng		
36) 4-Chloro-3-methylphenol	12.14	107	282572	56.385	ng		97
37) 2-Methylnaphthalene	12.52	142	526263	43.887	ng		100
38) 1-Methylnaphthalene	12.74	142	498250	43.845	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	335406	40.244	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	349709	74.633 ng		99
43) 2,4,6-Trichlorophenol	13.13	196	298539	56.675 ng		98
44) 2,4,5-Trichlorophenol	13.20	196	328934	60.090 ng		95
46) 1,1'-Biphenyl	13.53	154	687774	40.637 ng		95
47) 2-Chloronaphthalene	13.58	162	574917	39.897 ng		97
48) 2-Nitroaniline	13.77	65	188304	51.524 ng		91
49) Acenaphthylene	14.42	152	937105	43.475 ng		97
50) Dimethylphthalate	14.15	163	1023379	56.913 ng		100
51) 2,6-Dinitrotoluene	14.26	165	201297	53.537 ng		90
52) Acenaphthene	14.76	154	579887	41.364 ng		98
53) 3-Nitroaniline	14.59	138	147290	36.617 ng		88
54) 2,4-Dinitrophenol	14.80	184	66445	37.274 ng		88
55) Dibenzofuran	15.10	168	951040	44.352 ng		96
56) 4-Nitrophenol	14.91	139	405969	132.958 ng		93
57) 2,4-Dinitrotoluene	15.06	165	293749	56.809 ng		91
58) Fluorene	15.75	166	783582	45.535 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	332448	61.320 ng		93
60) Diethylphthalate	15.52	149	829862	47.008 ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	466051	44.363 ng		94
62) 4-Nitroaniline	15.76	138	228090	52.351 ng		96
63) Azobenzene	16.04	77	640784	44.434 ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	161895	49.645 ng		88
66) n-Nitrosodiphenylamine	15.96	169	775246	42.951 ng		99
67) 4-Bromophenyl-phenylether	16.64	248	334848	41.024 ng		97
68) Hexachlorobenzene	16.76	284	348804	40.847 ng	#	92
69) Atrazine	16.91	200	317844	44.819 ng		99
70) Pentachlorophenol	17.10	266	436279	89.936 ng		99
71) Phenanthrene	17.50	178	1338637	42.146 ng		97
72) Anthracene	17.58	178	1383959	43.689 ng		97
73) Carbazole	17.85	167	1278687	44.974 ng		97
74) Di-n-butylphthalate	18.42	149	1383571	42.925 ng		96
75) Fluoranthene	19.50	202	1634479	42.336 ng		94
77) Benzidine	19.67	184	667070	30.227 ng		99
78) Pyrene	19.86	202	1630112	40.692 ng		96
80) Butylbenzylphthalate	20.75	149	671034	43.690 ng		92
81) Benzo(a)anthracene	21.72	228	1667114	41.675 ng		95
82) 3,3'-Dichlorobenzidine	21.63	252	444401	27.670 ng	#	98
83) Chrysene	21.78	228	1620345	42.256 ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	947951	44.743 ng		99
85) Di-n-octyl phthalate	22.87	149	1631612	45.760 ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.75	276	2185949	43.064 ng	#	89
88) Benzo(b)fluoranthene	23.97	252	1855609	42.294 ng	#	96
89) Benzo(k)fluoranthene	24.04	252	1795960	42.023 ng	#	96
90) Benzo(a)pyrene	24.86	252	1815710	43.151 ng	#	96
91) Dibenzo(a,h)anthracene	28.83	278	1805799	43.706 ng	#	97
92) Benzo(g,h,i)perylene	29.92	276	1807570	43.789 ng	#	95

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

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