Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040852.D
Acq On : 10 May 2019 16:36
Operator : HP/JU
Sample : K2764-21MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS002-1218-01MSD

Quant Time: May 10 17:23:10 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	70257	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	292675	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	220286	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	537401	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	523208	20.00	ng		-0.02
87) Perylene-d12	25.16	264	565118	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	402447	100.97	ng		0.00
7) Phenol-d6	7.29	99	606561	98.84	ng		0.00
23) Nitrobenzene-d5	9.32	82	418179	66.02	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	303904	100.37	ng		-0.02
45) 2-Fluorobiphenyl	13.40	172	822193	53.90	ng		-0.02
79) Terphenyl-d14	20.11	244	1281934	54.28	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	45615	25.166	ng		94
3) Pyridine	3.95	79	108242	20.602	ng		99
4) n-Nitrosodimethylamine	3.87	42	76406	26.219	ng		86
6) Aniline	7.47	93	66460	8.171	ng		91
8) 2-Chlorophenol	7.70	128	156755	32.210	ng		98
9) Benzaldehyde	7.28	77	89093	20.399	ng		96
10) Phenol	7.31	94	213709	32.397	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	143871	29.084	ng		95
12) 1,3-Dichlorobenzene	8.03	146	166993	31.438	ng		95
13) 1,4-Dichlorobenzene	8.18	146	170412	31.647	ng		100
14) 1,2-Dichlorobenzene	8.50	146	164042	31.589	ng		95
15) Benzyl Alcohol	8.38	79	182478	28.578	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	243029	24.676	ng		94
17) 2-Methylphenol	8.57	107	153073	32.789	ng		96
18) Hexachloroethane	9.23	117	64776	29.325	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	144875	26.226	ng		92
20) 3+4-Methylphenols	8.90	107	208656	32.084	ng		97
22) Acetophenone	8.97	105	265410	32.611	ng	#	96
24) Nitrobenzene	9.37	77	225359	33.346	ng		96
25) Isophorone	9.88	82	409286	29.008	ng		99
26) 2-Nitrophenol	10.08	139	98489	40.656	ng		94
27) 2,4-Dimethylphenol	10.12	122	169682	37.332	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	211387	29.862	ng		99
29) 2,4-Dichlorophenol	10.61	162	196204	37.970	ng		92
30) 1,2,4-Trichlorobenzene	10.82	180	203578	35.526	ng		96
31) Naphthalene	11.02	128	521548	33.542	ng		100
32) Benzoic acid	10.25	122	114226	36.710	ng		95
33) 4-Chloroaniline	11.13	127	45574	6.611	ng	#	90
34) Hexachlorobutadiene	11.28	225	149249	35.279	ng		95
35) Caprolactam	11.92	113	63878	31.311	ng	#	75
36) 4-Chloro-3-methylphenol	12.23	107	227212	34.855	ng		96
37) 2-Methylnaphthalene	12.61	142	396429	34.100	ng		96
38) 1-Methylnaphthalene	12.83	142	373673	32.884	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	287821	35.074	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	234946	48.519	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	191616	38.639	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	208683	38.629	ng		94
46) 1,1'-Biphenyl	13.61	154	529818	30.978	ng		97
47) 2-Chloronaphthalene	13.65	162	444464	33.207	ng		97
48) 2-Nitroaniline	13.86	65	169551	35.586	ng		97
49) Acenaphthylene	14.50	152	721491	31.771	ng		99
50) Dimethylphthalate	14.22	163	676152	36.686	ng		100
51) 2,6-Dinitrotoluene	14.35	165	132031	36.704	ng		92
52) Acenaphthene	14.84	154	409263	30.947	ng		96
53) 3-Nitroaniline	14.68	138	66469	18.034	ng	#	91
54) 2,4-Dinitrophenol	14.88	184	114287	58.409	ng		91
55) Dibenzofuran	15.17	168	696079	32.135	ng		100
56) 4-Nitrophenol	14.97	139	202787	63.452	ng		93
57) 2,4-Dinitrotoluene	15.14	165	187333	38.326	ng		91
58) Fluorene	15.82	166	551584	31.505	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	209693	38.565	ng		97
60) Diethylphthalate	15.58	149	609282	31.332	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	338818	33.274	ng		97
62) 4-Nitroaniline	15.85	138	125363	30.407	ng		92
63) Azobenzene	16.10	77	571212	28.523	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	91566	36.566	ng		95
66) n-Nitrosodiphenylamine	16.02	169	505391	31.965	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	227077	33.916	ng		92
68) Hexachlorobenzene	16.81	284	231729	33.473	ng		96
69) Atrazine	16.96	200	218632	34.902	ng		99
70) Pentachlorophenol	17.16	266	295536	72.952	ng		97
71) Phenanthrene	17.56	178	1036118	35.795	ng		99
72) Anthracene	17.65	178	931827	32.027	ng		99
73) Carbazole	17.92	167	814430	30.724	ng		99
74) Di-n-butylphthalate	18.45	149	929166	29.041	ng		99
75) Fluoranthene	19.56	202	1352330	37.491	ng		98
77) Benzidine	19.74	184	130940	9.140	ng		97
78) Pyrene	19.92	202	1587152	48.400	ng		95
80) Butylbenzylphthalate	20.79	149	428286	33.510	ng		97
81) Benzo(a)anthracene	21.78	228	1273183	38.503	ng		97
82) 3,3'-Dichlorobenzidine	21.69	252	204709	17.369	ng		100
83) Chrysene	21.85	228	1273934	40.509	ng		97
84) Bis(2-ethylhexyl)phthalate	21.65	149	605727	32.832	ng		98
85) Di-n-octyl phthalate	22.91	149	1034199	33.285	ng		96
86) Indeno(1,2,3-cd)pyrene	29.03	276	1367337	35.962	ng	#	83
88) Benzo(b)fluoranthene	24.09	252	1322950	38.309	ng		97
89) Benzo(k)fluoranthene	24.16	252	1174630	36.422	ng		98
90) Benzo(a)pyrene	25.01	252	1211253	37.054	ng		99
91) Dibenzo(a,h)anthracene	29.09	278	1007812	30.466	ng	#	98
92) Benzo(g,h,i)perylene	30.25	276	1146693	34.830	ng		98

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

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