Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041484.D
Acq On : 27 Jun 2019 10:34
Operator : HP/JU
Sample : K3500-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)MSD

Quant Time: Jun 27 11:12:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 06:49:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28934	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	110337	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	80323	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	209569	20.00	ng		0.00
76) Chrysene-d12	21.70	240	224546	20.00	ng		0.00
87) Perylene-d12	24.98	264	236885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	165109	101.74	ng		0.00
7) Phenol-d6	7.18	99	242583	106.18	ng		0.00
23) Nitrobenzene-d5	9.21	82	166705	63.01	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	135297	98.65	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	396217	63.30	ng		0.00
79) Terphenyl-d14	20.02	244	750348	71.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	16214	22.071	ng	#	83
3) Pyridine	3.82	79	23377	12.542	ng		95
4) n-Nitrosodimethylamine	3.74	42	29672	28.607	ng		95
6) Aniline	7.36	93	18432	6.259	ng		98
8) 2-Chlorophenol	7.59	128	59917	32.920	ng		97
9) Benzaldehyde	7.17	77	46170	33.463	ng		96
10) Phenol	7.21	94	79320	34.449	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	52478	28.740	ng		97
12) 1,3-Dichlorobenzene	7.91	146	67046	28.476	ng		98
13) 1,4-Dichlorobenzene	8.07	146	67570	28.468	ng		94
14) 1,2-Dichlorobenzene	8.38	146	66198	29.129	ng		99
15) Benzyl Alcohol	8.28	79	54471	29.939	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	72858	28.413	ng		95
17) 2-Methylphenol	8.48	107	51694	30.842	ng		95
18) Hexachloroethane	9.11	117	26610	28.414	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	48168	28.266	ng		98
20) 3+4-Methylphenols	8.81	107	74024	33.136	ng		93
22) Acetophenone	8.87	105	97843	29.563	ng	#	99
24) Nitrobenzene	9.25	77	80813	30.433	ng		99
25) Isophorone	9.76	82	138077	29.070	ng		98
26) 2-Nitrophenol	9.96	139	34335	30.961	ng		94
27) 2,4-Dimethylphenol	10.02	122	52571	34.061	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	73397	29.223	ng		98
29) 2,4-Dichlorophenol	10.50	162	68298	32.761	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	77886	29.149	ng		95
31) Naphthalene	10.90	128	189418	31.042	ng		96
32) Benzoic acid	10.13	122	6411	12.692	ng	#	81
33) 4-Chloroaniline	11.03	127	19394	7.550	ng	#	91
34) Hexachlorobutadiene	11.16	225	60151	28.359	ng		96
35) Caprolactam	11.81	113	21377	32.840	ng		94
36) 4-Chloro-3-methylphenol	12.14	107	75089	33.243	ng		95
37) 2-Methylnaphthalene	12.51	142	141941	31.487	ng		97
38) 1-Methylnaphthalene	12.73	142	131397	30.552	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	107499	30.394	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	100158	53.461	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	65987	31.445	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	69243	33.121	ng		95
46) 1,1'-Biphenyl	13.51	154	192305	30.329	ng		98
47) 2-Chloronaphthalene	13.56	162	160625	29.507	ng		97
48) 2-Nitroaniline	13.77	65	52638	28.525	ng		94
49) Acenaphthylene	14.41	152	251918	30.961	ng		99
50) Dimethylphthalate	14.13	163	272551	37.287	ng		99
51) 2,6-Dinitrotoluene	14.26	165	47257	30.465	ng		94
52) Acenaphthene	14.74	154	143096	29.657	ng		92
53) 3-Nitroaniline	14.60	138	22080	14.910	ng		97
54) 2,4-Dinitrophenol	14.81	184	20315	26.985	ng		96
55) Dibenzofuran	15.08	168	263324	31.349	ng		99
56) 4-Nitrophenol	14.91	139	70620	73.895	ng		96
57) 2,4-Dinitrotoluene	15.05	165	67251	29.885	ng	#	98
58) Fluorene	15.72	166	209497	31.350	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	73274	33.247	ng		99
60) Diethylphthalate	15.48	149	221996	29.670	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	130526	30.282	ng		97
62) 4-Nitroaniline	15.76	138	38625	26.763	ng		98
63) Azobenzene	16.00	77	196662	31.175	ng		95
65) 4,6-Dinitro-2-methylphenol	15.81	198	27327	21.054	ng		97
66) n-Nitrosodiphenylamine	15.93	169	183946	31.892	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	86006	30.032	ng		96
68) Hexachlorobenzene	16.72	284	92126	29.857	ng		98
69) Atrazine	16.87	200	79531	30.582	ng		98
70) Pentachlorophenol	17.07	266	101066	72.286	ng		91
71) Phenanthrene	17.47	178	363746	31.503	ng		99
72) Anthracene	17.56	178	369933	32.021	ng		99
73) Carbazole	17.84	167	313630	31.934	ng		98
74) Di-n-butylphthalate	18.36	149	373416	30.251	ng		99
75) Fluoranthene	19.48	202	477156	30.995	ng		100
77) Benzidine	19.67	184	32542	6.532	ng	#	96
78) Pyrene	19.84	202	477226	31.132	ng		99
80) Butylbenzylphthalate	20.70	149	173153	30.246	ng		97
81) Benzo(a)anthracene	21.68	228	474014	30.364	ng		100
82) 3,3'-Dichlorobenzidine	21.60	252	81771	15.127	ng		98
83) Chrysene	21.74	228	462378	30.599	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	249574	30.751	ng		99
85) Di-n-octyl phthalate	22.77	149	421527	30.691	ng		99
86) Indeno(1,2,3-cd)pyrene	28.76	276	559483	30.577	ng	#	97
88) Benzo(b)fluoranthene	23.93	252	470308	31.127	ng		98
89) Benzo(k)fluoranthene	24.00	252	465462	31.379	ng		97
90) Benzo(a)pyrene	24.83	252	457360	31.872	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	461997	32.136	ng		99
92) Benzo(g,h,i)perylene	29.95	276	463540	32.429	ng		99

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

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