Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042538.D
Acq On : 28 Aug 2019 18:40
Operator : HP/JU
Sample : K4551-20MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S402-K1-1.0-1.5-082619MSD

Quant Time: Aug 29 05:58:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33709	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	124717	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	92232	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	242402	20.00	ng		0.00
76) Chrysene-d12	21.69	240	281516	20.00	ng		0.00
87) Perylene-d12	24.93	264	334732	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	177521	106.66	ng		0.00
7) Phenol-d6	7.16	99	237023	105.43	ng		0.00
23) Nitrobenzene-d5	9.16	82	134454	74.50	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	157551	120.18	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	370042	67.86	ng		0.00
79) Terphenyl-d14	20.02	244	822552	63.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	19844	28.569	ng		97
3) Pyridine	3.83	79	44797	25.152	ng		99
4) n-Nitrosodimethylamine	3.74	42	21881	34.397	ng		93
6) Aniline	7.32	93	80178	26.738	ng		97
8) 2-Chlorophenol	7.56	128	75792	37.574	ng		96
9) Benzaldehyde	7.13	77	43083	38.277	ng		98
10) Phenol	7.19	94	92593	40.507	ng		96
11) bis(2-Chloroethyl)ether	7.41	93	58942	32.832	ng		98
12) 1,3-Dichlorobenzene	7.89	146	86256	33.614	ng		100
13) 1,4-Dichlorobenzene	8.03	146	88490	34.045	ng		97
14) 1,2-Dichlorobenzene	8.36	146	83875	33.696	ng		99
15) Benzyl Alcohol	8.24	79	56168	34.726	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74140	30.470	ng		97
17) 2-Methylphenol	8.45	107	59414	35.288	ng		98
18) Hexachloroethane	9.09	117	29147	32.756	ng		96
19) n-Nitroso-di-n-propylamine	8.80	70	46938	32.226	ng		97
20) 3+4-Methylphenols	8.78	107	81596	35.023	ng		99
22) Acetophenone	8.82	105	103141	38.666	ng	#	98
24) Nitrobenzene	9.21	77	68122	37.274	ng		97
25) Isophorone	9.73	82	130473	36.632	ng		99
26) 2-Nitrophenol	9.93	139	46084	40.238	ng		95
27) 2,4-Dimethylphenol	9.99	122	66762	42.318	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	77776	34.646	ng		96
29) 2,4-Dichlorophenol	10.47	162	86637	41.973	ng		99
30) 1,2,4-Trichlorobenzene	10.68	180	95863	37.837	ng		93
31) Naphthalene	10.87	128	223003	38.513	ng		100
32) Benzoic acid	10.13	122	6760	13.069	ng	#	83
33) 4-Chloroaniline	10.98	127	77480	28.986	ng		99
34) Hexachlorobutadiene	11.16	225	61751	36.266	ng		98
35) Caprolactam	11.75	113	30222	43.880	ng		96
36) 4-Chloro-3-methylphenol	12.11	107	80142	40.901	ng		96
37) 2-Methylnaphthalene	12.48	142	180236	38.766	ng		100
38) 1-Methylnaphthalene	12.70	142	168808	38.224	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	119083	40.205	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	122682	78.852	ng		100
43) 2,4,6-Trichlorophenol	13.09	196	83024	41.470	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	92599	44.633	ng		95
46) 1,1'-Biphenyl	13.49	154	236476	39.664	ng		97
47) 2-Chloronaphthalene	13.53	162	196422	38.209	ng		99
48) 2-Nitroaniline	13.73	65	46584	37.578	ng		95
49) Acenaphthylene	14.38	152	313877	40.584	ng		99
50) Dimethylphthalate	14.11	163	293655	44.126	ng		99
51) 2,6-Dinitrotoluene	14.23	165	62484	40.507	ng		97
52) Acenaphthene	14.72	154	182805	38.925	ng		99
53) 3-Nitroaniline	14.56	138	50285	32.595	ng		99
54) 2,4-Dinitrophenol	14.78	184	53297	53.506	ng		94
55) Dibenzofuran	15.06	168	322596	41.498	ng		99
56) 4-Nitrophenol	14.88	139	106757	97.388	ng		97
57) 2,4-Dinitrotoluene	15.02	165	91192	41.284	ng		95
58) Fluorene	15.71	166	265084	41.715	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	95314	46.456	ng		93
60) Diethylphthalate	15.47	149	257943	39.650	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	150358	39.252	ng		98
62) 4-Nitroaniline	15.73	138	72624	43.986	ng		96
63) Azobenzene	15.99	77	176826	39.667	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	59786	39.339	ng		98
66) n-Nitrosodiphenylamine	15.91	169	248955	37.346	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	110101	35.809	ng		99
68) Hexachlorobenzene	16.72	284	118351	35.408	ng		99
69) Atrazine	16.86	200	102399	43.438	ng		97
70) Pentachlorophenol	17.07	266	132376	76.224	ng		97
71) Phenanthrene	17.45	178	486723	40.424	ng		99
72) Anthracene	17.55	178	499819	41.582	ng		99
73) Carbazole	17.82	167	465867	43.487	ng		99
74) Di-n-butylphthalate	18.37	149	512831	40.497	ng		100
75) Fluoranthene	19.47	202	676622	46.046	ng		97
77) Benzidine	19.64	184	264187	32.732	ng		97
78) Pyrene	19.83	202	685101	39.694	ng		98
80) Butylbenzylphthalate	20.71	149	251671	37.073	ng		99
81) Benzo(a)anthracene	21.67	228	686310	40.076	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	223573	32.461	ng		98
83) Chrysene	21.74	228	669426	40.533	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	361730	38.378	ng		99
85) Di-n-octyl phthalate	22.79	149	636529	39.265	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	888684	39.595	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	749674	40.738	ng		99
89) Benzo(k)fluoranthene	23.97	252	743234	42.018	ng		100
90) Benzo(a)pyrene	24.77	252	745956	42.718	ng		99
91) Dibenzo(a,h)anthracene	28.69	278	735460	41.597	ng		98
92) Benzo(g,h,i)perylene	29.80	276	745792	42.175	ng		99

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

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