Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
Data File : BG042632.D
Acq On : 31 Aug 2019 13:17
Operator : HP/JU
Sample : K4562-07MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-30-32MS

Quant Time: Aug 31 18:23:01 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	7.99	152	36749	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	136078	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	99259	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	228441	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	247410	20.00	ng	0.00
87) Perylene-d12	24.92	264	295910	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	262738	144.80	ng	0.00
7) Phenol-d6	7.16	99	346920	141.54	ng	0.00
23) Nitrobenzene-d5	9.17	82	194321	98.68	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	218409	154.81	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	539813	91.98	ng	0.00
79) Terphenyl-d14	20.02	244	960990	83.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	25789	34.057	ng	99
3) Pyridine	3.82	79	60759	31.292	ng	96
4) n-Nitrosodimethylamine	3.73	42	33745	48.658	ng	99
6) Aniline	7.32	93	105589	32.299	ng	98
8) 2-Chlorophenol	7.56	128	109292	49.700	ng	98
9) Benzaldehyde	7.12	77	59053	48.125	ng	98
10) Phenol	7.19	94	129503	51.967	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	85270	43.569	ng	96
12) 1,3-Dichlorobenzene	7.89	146	123270	44.065	ng	99
13) 1,4-Dichlorobenzene	8.03	146	125009	44.116	ng	98
14) 1,2-Dichlorobenzene	8.35	146	121482	44.767	ng	97
15) Benzyl Alcohol	8.24	79	83617	47.419	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	106907	40.302	ng	98
17) 2-Methylphenol	8.45	107	87592	47.721	ng	95
18) Hexachloroethane	9.09	117	41505	42.785	ng	90
19) n-Nitroso-di-n-propylamine	8.81	70	67689	42.628	ng	96
20) 3+4-Methylphenols	8.78	107	118547	46.674	ng	97
22) Acetophenone	8.82	105	153457	52.726	ng	99
24) Nitrobenzene	9.21	77	100892	50.596	ng	99
25) Isophorone	9.73	82	188115	48.406	ng	99
26) 2-Nitrophenol	9.93	139	66013	52.827	ng	95
27) 2,4-Dimethylphenol	9.99	122	101978	59.243	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	117465	47.957	ng	98
29) 2,4-Dichlorophenol	10.47	162	125459	55.707	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	141969	51.357	ng	97
31) Naphthalene	10.87	128	323298	51.173	ng	99
32) Benzoic acid	10.16	122	45868	38.636	ng	96
33) 4-Chloroaniline	10.98	127	56355	19.323	ng	96
34) Hexachlorobutadiene	11.15	225	96752	52.078	ng	98
35) Caprolactam	11.76	113	36019	47.930	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	110669	51.765	ng	97
37) 2-Methylnaphthalene	12.48	142	263920	52.026	ng	100
38) 1-Methylnaphthalene	12.70	142	246843	51.228	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	179929	56.447	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	185821	110.978 ng		100
43) 2,4,6-Trichlorophenol	13.09	196	114179	52.994 ng		99
44) 2,4,5-Trichlorophenol	13.17	196	122228	54.743 ng		99
46) 1,1'-Biphenyl	13.49	154	347909	54.224 ng		98
47) 2-Chloronaphthalene	13.53	162	287609	51.986 ng		98
48) 2-Nitroaniline	13.73	65	62205	46.627 ng		97
49) Acenaphthylene	14.38	152	442966	53.220 ng		99
50) Dimethylphthalate	14.11	163	470149	65.646 ng		99
51) 2,6-Dinitrotoluene	14.23	165	88949	53.582 ng		97
52) Acenaphthene	14.72	154	257110	50.872 ng		98
53) 3-Nitroaniline	14.56	138	45955	27.680 ng		99
54) 2,4-Dinitrophenol	14.78	184	104002	91.926 ng		96
55) Dibenzofuran	15.06	168	450213	53.815 ng		99
56) 4-Nitrophenol	14.89	139	122408	103.760 ng		92
57) 2,4-Dinitrotoluene	15.03	165	124295	52.286 ng		98
58) Fluorene	15.71	166	361289	52.830 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	122622m	55.535 ng		
60) Diethylphthalate	15.47	149	350642	50.083 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	217813	52.836 ng		99
62) 4-Nitroaniline	15.73	138	86724	48.807 ng		92
63) Azobenzene	15.99	77	237828	49.575 ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	84547	59.032 ng		98
66) n-Nitrosodiphenylamine	15.91	169	338911	53.947 ng		100
67) 4-Bromophenyl-phenylether	16.59	248	155296	53.594 ng		99
68) Hexachlorobenzene	16.72	284	162199	51.493 ng		96
69) Atrazine	16.86	200	128246	57.727 ng		99
70) Pentachlorophenol	17.06	266	180921	110.543 ng		97
71) Phenanthrene	17.45	178	617325	54.404 ng		99
72) Anthracene	17.55	178	630940	55.699 ng		99
73) Carbazole	17.81	167	554877	54.961 ng		99
74) Di-n-butylphthalate	18.36	149	634121	53.135 ng		99
75) Fluoranthene	19.46	202	805009	58.131 ng		98
77) Benzidine	19.64	184	445445	62.798 ng		99
78) Pyrene	19.83	202	809421	53.362 ng		99
80) Butylbenzylphthalate	20.70	149	296825	49.752 ng		100
81) Benzo(a)anthracene	21.67	228	803283	53.373 ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	206947	34.189 ng		99
83) Chrysene	21.73	228	772763	53.240 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	418966	50.578 ng		99
85) Di-n-octyl phthalate	22.78	149	727497	51.063 ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1038385	52.643 ng	#	98
88) Benzo(b)fluoranthene	23.90	252	872058	53.606 ng		98
89) Benzo(k)fluoranthene	23.96	252	870858	55.692 ng		99
90) Benzo(a)pyrene	24.77	252	871987	56.487 ng		99
91) Dibenzo(a,h)anthracene	28.69	278	856736	54.813 ng		97
92) Benzo(g,h,i)perylene	29.80	276	865418	55.361 ng		98

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

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