Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
Data File : BG042633.D
Acq On : 31 Aug 2019 13:56
Operator : HP/JU
Sample : K4562-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 31 18:27:04 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	38376	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	140272	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	101206	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	237885	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	255114	20.00	ng	-0.01
87) Perylene-d12	24.92	264	307927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	257492	135.89	ng	0.00
7) Phenol-d6	7.16	99	341878	133.57	ng	0.00
23) Nitrobenzene-d5	9.17	82	189920	93.56	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	215069	149.51	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	532341	88.96	ng	0.00
79) Terphenyl-d14	20.02	244	961055	81.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	24996	31.610	ng	97
3) Pyridine	3.82	79	60496	29.835	ng	100
4) n-Nitrosodimethylamine	3.73	42	32383	44.715	ng	89
6) Aniline	7.31	93	104839	30.710	ng	99
8) 2-Chlorophenol	7.56	128	105731	46.042	ng	100
9) Benzaldehyde	7.12	77	59816	46.680	ng	98
10) Phenol	7.19	94	126383	48.565	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	81753	40.001	ng	99
12) 1,3-Dichlorobenzene	7.89	146	119740	40.988	ng	99
13) 1,4-Dichlorobenzene	8.03	146	122612	41.436	ng	97
14) 1,2-Dichlorobenzene	8.35	146	118920	41.965	ng	98
15) Benzyl Alcohol	8.23	79	82334	44.712	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	106796	38.553	ng	98
17) 2-Methylphenol	8.45	107	86964	45.370	ng	95
18) Hexachloroethane	9.09	117	41479	40.946	ng	93
19) n-Nitroso-di-n-propylamine	8.80	70	66892	40.340	ng	94
20) 3+4-Methylphenols	8.78	107	115210	43.437	ng	99
22) Acetophenone	8.82	105	147455	49.149	ng	99
24) Nitrobenzene	9.20	77	98182	47.765	ng	99
25) Isophorone	9.73	82	186212	46.483	ng	98
26) 2-Nitrophenol	9.93	139	65320	50.709	ng	97
27) 2,4-Dimethylphenol	9.99	122	100371	56.566	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	115882	45.896	ng	99
29) 2,4-Dichlorophenol	10.47	162	122943	52.957	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	141547	49.674	ng	94
31) Naphthalene	10.87	128	317346	48.729	ng	99
32) Benzoic acid	10.16	122	47475	38.761	ng	97
33) 4-Chloroaniline	10.98	127	61375	20.415	ng	97
34) Hexachlorobutadiene	11.15	225	95855	50.053	ng	97
35) Caprolactam	11.76	113	35475m	45.795	ng	
36) 4-Chloro-3-methylphenol	12.11	107	110190	49.999	ng	99
37) 2-Methylnaphthalene	12.48	142	257233	49.191	ng	99
38) 1-Methylnaphthalene	12.70	142	240930	48.505	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	176331	54.254	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	181462	106.290 ng	98
43) 2,4,6-Trichlorophenol	13.09	196	114190	51.979 ng	98
44) 2,4,5-Trichlorophenol	13.17	196	122565	53.838 ng	98
46) 1,1'-Biphenyl	13.49	154	338411	51.729 ng	99
47) 2-Chloronaphthalene	13.53	162	279193	49.494 ng	100
48) 2-Nitroaniline	13.73	65	61433	45.162 ng	95
49) Acenaphthylene	14.38	152	434468	51.194 ng	99
50) Dimethylphthalate	14.11	163	463638	63.491 ng	100
51) 2,6-Dinitrotoluene	14.23	165	85564	50.551 ng	95
52) Acenaphthene	14.72	154	254509	49.388 ng	99
53) 3-Nitroaniline	14.56	138	45937	27.137 ng	97
54) 2,4-Dinitrophenol	14.78	184	101944	88.615 ng	97
55) Dibenzofuran	15.06	168	440955	51.694 ng	99
56) 4-Nitrophenol	14.89	139	121914	101.353 ng	95
57) 2,4-Dinitrotoluene	15.03	165	122088	50.370 ng	99
58) Fluorene	15.71	166	357205	51.228 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	122689m	54.496 ng	
60) Diethylphthalate	15.47	149	347895	48.735 ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	212959	50.664 ng	98
62) 4-Nitroaniline	15.73	138	87319	48.197 ng	95
63) Azobenzene	15.99	77	235563	48.158 ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	81909	54.920 ng	97
66) n-Nitrosodiphenylamine	15.91	169	331008	50.597 ng	98
67) 4-Bromophenyl-phenylether	16.59	248	150357	49.830 ng	98
68) Hexachlorobenzene	16.72	284	160420	48.906 ng	97
69) Atrazine	16.86	200	126512	54.685 ng	98
70) Pentachlorophenol	17.06	266	180586	105.958 ng	98
71) Phenanthrene	17.45	178	607535	51.416 ng	99
72) Anthracene	17.54	178	622627	52.783 ng	100
73) Carbazole	17.81	167	546884	52.019 ng	99
74) Di-n-butylphthalate	18.36	149	628760	50.594 ng	100
75) Fluoranthene	19.46	202	802136	55.624 ng	98
77) Benzidine	19.64	184	455848	62.323 ng	98
78) Pyrene	19.83	202	807846	51.650 ng	99
80) Butylbenzylphthalate	20.70	149	294088	47.804 ng	99
81) Benzo(a)anthracene	21.67	228	795594	51.266 ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	214621	34.386 ng	96
83) Chrysene	21.73	228	772958	51.645 ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	419403	49.101 ng	98
85) Di-n-octyl phthalate	22.78	149	727400	49.514 ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1024484	50.369 ng	98
88) Benzo(b)fluoranthene	23.90	252	863198	50.990 ng	99
89) Benzo(k)fluoranthene	23.97	252	873140m	53.659 ng	
90) Benzo(a)pyrene	24.77	252	863132	53.731 ng	99
91) Dibenzo(a,h)anthracene	28.69	278	849709	52.242 ng	97
92) Benzo(g,h,i)perylene	29.80	276	863822	53.102 ng	98

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

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