Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042512.D
Acq On : 27 Aug 2019 20:08
Operator : HP/JU
Sample : K4551-20MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/29/2019 7:58:20 AM

Quant Time: Aug 28 04:28:27 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	33099	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	125286	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	98204	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	255892	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	307695	20.00	ng		-0.01
87) Perylene-d12	24.93	264	371445	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	179788	110.01	ng		0.00
7) Phenol-d6	7.16	99	243721	110.40	ng		-0.01
23) Nitrobenzene-d5	9.16	82	135887	74.95	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	158729	113.72	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	386528	66.57	ng		0.00
79) Terphenyl-d14	20.02	244	876972	61.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	20633	30.253	ng		99
3) Pyridine	3.82	79	47291	27.041	ng		100
4) n-Nitrosodimethylamine	3.74	42	21074	33.738	ng		98
6) Aniline	7.31	93	77835	26.435	ng		98
8) 2-Chlorophenol	7.57	128	73962	37.343	ng		98
9) Benzaldehyde	7.13	77	45315	41.002	ng		95
10) Phenol	7.19	94	94494	42.100	ng		97
11) bis(2-Chloroethyl)ether	7.41	93	61292	34.771	ng		98
12) 1,3-Dichlorobenzene	7.89	146	85708	34.016	ng		98
13) 1,4-Dichlorobenzene	8.03	146	87749	34.382	ng		100
14) 1,2-Dichlorobenzene	8.35	146	83877	34.318	ng		97
15) Benzyl Alcohol	8.24	79	54463	34.292	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	78315	32.779	ng		98
17) 2-Methylphenol	8.45	107	60764	36.755	ng		96
18) Hexachloroethane	9.09	117	29155	33.369	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	48868	34.169	ng		99
20) 3+4-Methylphenols	8.78	107	83341	36.431	ng		98
22) Acetophenone	8.82	105	107584	40.149	ng	#	97
24) Nitrobenzene	9.21	77	70492	38.396	ng		98
25) Isophorone	9.73	82	138807	38.794	ng		99
26) 2-Nitrophenol	9.93	139	47963	41.688	ng		97
27) 2,4-Dimethylphenol	9.99	122	72521	45.759	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	85684	37.995	ng		100
29) 2,4-Dichlorophenol	10.48	162	89780	43.298	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	94049	36.953	ng		95
31) Naphthalene	10.87	128	225822	38.823	ng		98
32) Benzoic acid	10.20	122	3052m	10.371	ng		
33) 4-Chloroaniline	10.98	127	74819	27.864	ng		98
34) Hexachlorobutadiene	11.16	225	62134	36.325	ng		99
35) Caprolactam	11.76	113	28112	40.631	ng		96
36) 4-Chloro-3-methylphenol	12.11	107	83723	42.534	ng		98
37) 2-Methylnaphthalene	12.48	142	185664	39.752	ng		99
38) 1-Methylnaphthalene	12.70	142	175623	39.587	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	122003	38.686	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	125167	75.557 ng		99
43) 2,4,6-Trichlorophenol	13.09	196	84959	39.855 ng		98
44) 2,4,5-Trichlorophenol	13.17	196	90436	40.939 ng		96
46) 1,1'-Biphenyl	13.49	154	250253	39.422 ng		98
47) 2-Chloronaphthalene	13.53	162	203899	37.251 ng		98
48) 2-Nitroaniline	13.73	65	49364	37.399 ng		98
49) Acenaphthylene	14.38	152	335885	40.788 ng		98
50) Dimethylphthalate	14.11	163	322187	45.470 ng		100
51) 2,6-Dinitrotoluene	14.23	165	66679	40.598 ng		96
52) Acenaphthene	14.72	154	194212	38.839 ng		100
53) 3-Nitroaniline	14.56	138	48716	29.658 ng		93
54) 2,4-Dinitrophenol	14.78	184	33106	33.823 ng		95
55) Dibenzofuran	15.06	168	339024	40.960 ng		99
56) 4-Nitrophenol	14.88	139	106846	91.542 ng		99
57) 2,4-Dinitrotoluene	15.02	165	100581	42.765 ng		98
58) Fluorene	15.70	166	278430	41.151 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	94074m	43.063 ng		
60) Diethylphthalate	15.47	149	288609	41.666 ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	161079	39.493 ng		98
62) 4-Nitroaniline	15.73	138	76030	43.249 ng		96
63) Azobenzene	15.99	77	194633	41.007 ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	50289	31.346 ng		97
66) n-Nitrosodiphenylamine	15.91	169	266920	37.930 ng		98
67) 4-Bromophenyl-phenylether	16.59	248	116447	35.876 ng		97
68) Hexachlorobenzene	16.72	284	123767	35.077 ng		95
69) Atrazine	16.86	200	110748	44.503 ng		97
70) Pentachlorophenol	17.07	266	112706	61.476 ng		98
71) Phenanthrene	17.45	178	511379	40.232 ng		98
72) Anthracene	17.54	178	524294	41.319 ng		99
73) Carbazole	17.81	167	487790	43.133 ng		99
74) Di-n-butylphthalate	18.37	149	582895	43.603 ng		100
75) Fluoranthene	19.46	202	725874	46.793 ng		98
77) Benzidine	19.64	184	355946	40.349 ng		99
78) Pyrene	19.82	202	738396	39.142 ng		98
80) Butylbenzylphthalate	20.70	149	282858	38.122 ng		98
81) Benzo(a)anthracene	21.67	228	745309	39.818 ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	212877	28.278 ng		98
83) Chrysene	21.73	228	720525	39.915 ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	413549	40.142 ng		98
85) Di-n-octyl phthalate	22.78	149	714416	40.320 ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	968663	39.486 ng	#	96
88) Benzo(b)fluoranthene	23.90	252	814413	39.882 ng		99
89) Benzo(k)fluoranthene	23.97	252	815189	41.531 ng		99
90) Benzo(a)pyrene	24.78	252	810153	41.809 ng		99
91) Dibenzo(a,h)anthracene	28.69	278	800766	40.814 ng		99
92) Benzo(g,h,i)perylene	29.79	276	807845	41.169 ng		99

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

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