Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041283.D
Acq On : 17 Jun 2019 22:51
Operator : HP/JU
Sample : K3154-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-061419-AMS

Manual Integrations APPROVED
mohammad
6/20/2019 10:48:48 AM

Quant Time: Jun 18 13:10:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38143	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	144584	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	103167	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	259921	20.00	ng		0.00
76) Chrysene-d12	21.74	240	257402	20.00	ng		0.00
87) Perylene-d12	25.05	264	281849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	274710	132.33	ng		0.00
7) Phenol-d6	7.24	99	357103	118.68	ng		0.00
23) Nitrobenzene-d5	9.26	82	320191	93.14	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	233496	147.42	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	718183	94.62	ng		0.00
79) Terphenyl-d14	20.06	244	1275737	98.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	29198	28.049	ng	#	1
3) Pyridine	3.90	79	69379	25.124	ng		96
4) n-Nitrosodimethylamine	3.81	42	52771	35.834	ng		98
6) Aniline	7.41	93	43278	10.347	ng		99
8) 2-Chlorophenol	7.65	128	102990	42.223	ng		97
9) Benzaldehyde	7.22	77	98812	51.341	ng		92
10) Phenol	7.26	94	113503	35.077	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	95881	39.053	ng		99
12) 1,3-Dichlorobenzene	7.97	146	115984	37.976	ng		92
13) 1,4-Dichlorobenzene	8.12	146	119192	38.206	ng		97
14) 1,2-Dichlorobenzene	8.44	146	113988	38.253	ng		95
15) Benzyl Alcohol	8.33	79	114940	39.868	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	153920	38.297	ng		99
17) 2-Methylphenol	8.52	107	93798	40.546	ng		96
18) Hexachloroethane	9.16	117	47322	38.278	ng		100
19) n-Nitroso-di-n-propylamine	8.89	70	94010	38.629	ng		95
20) 3+4-Methylphenols	8.85	107	126596	41.108	ng		96
22) Acetophenone	8.92	105	180426	42.883	ng		98
24) Nitrobenzene	9.31	77	151092	43.699	ng		98
25) Isophorone	9.82	82	266646	42.276	ng		98
26) 2-Nitrophenol	10.01	139	62245	44.405	ng		97
27) 2,4-Dimethylphenol	10.06	122	101330	48.225	ng		95
28) bis(2-Chloroethoxy)methane	10.30	93	140342	42.704	ng		96
29) 2,4-Dichlorophenol	10.55	162	122077	46.857	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	140392	42.075	ng		96
31) Naphthalene	10.95	128	349789	44.514	ng		98
32) Benzoic acid	10.17	122	16892	12.350	ng	#	83
33) 4-Chloroaniline	11.08	127	10033	3.006	ng		96
34) Hexachlorobutadiene	11.21	225	107214	40.480	ng		98
35) Caprolactam	11.86	113	27678m	30.859	ng		
36) 4-Chloro-3-methylphenol	12.18	107	136430	45.336	ng		99
37) 2-Methylnaphthalene	12.55	142	257457	44.485	ng		96
38) 1-Methylnaphthalene	12.77	142	245098	44.263	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	194627	45.686	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	181733	63.332	ng		98
43) 2,4,6-Trichlorophenol	13.16	196	119078	45.185	ng		96
44) 2,4,5-Trichlorophenol	13.23	196	125348	46.227	ng		97
46) 1,1'-Biphenyl	13.55	154	350880	44.988	ng		100
47) 2-Chloronaphthalene	13.60	162	291363	43.391	ng		99
48) 2-Nitroaniline	13.81	65	104320	42.420	ng		96
49) Acenaphthylene	14.44	152	454028	44.559	ng		99
50) Dimethylphthalate	14.17	163	377195	41.092	ng		99
51) 2,6-Dinitrotoluene	14.30	165	84782	43.803	ng		94
52) Acenaphthene	14.79	154	262302	43.839	ng		99
53) 3-Nitroaniline	14.64	138	22704	11.906	ng		96
54) 2,4-Dinitrophenol	14.84	184	53506	40.963	ng		98
55) Dibenzofuran	15.11	168	463771	44.580	ng		98
56) 4-Nitrophenol	14.94	139	112087	77.478	ng		99
57) 2,4-Dinitrotoluene	15.09	165	122037	43.133	ng	#	99
58) Fluorene	15.76	166	361208	44.138	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	127983	45.642	ng	#	96
60) Diethylphthalate	15.52	149	388347	41.623	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	226926	42.619	ng		98
62) 4-Nitroaniline	15.80	138	73160	35.871	ng		97
63) Azobenzene	16.04	77	370880	44.558	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	47363	28.074	ng		92
66) n-Nitrosodiphenylamine	15.97	169	329084	47.683	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	152467	45.365	ng		93
68) Hexachlorobenzene	16.76	284	154111	42.821	ng		98
70) Pentachlorophenol	17.11	266	158990	86.274	ng		99
71) Phenanthrene	17.51	178	624794	45.071	ng		100
72) Anthracene	17.60	178	635819	46.524	ng		99
73) Carbazole	17.87	167	548083	45.844	ng		99
74) Di-n-butylphthalate	18.40	149	650205	43.587	ng		100
75) Fluoranthene	19.51	202	811465	44.062	ng		98
77) Benzidine	19.69	184	133553	21.451	ng		96
78) Pyrene	19.87	202	814030	46.893	ng		99
80) Butylbenzylphthalate	20.74	149	294735	44.887	ng		95
81) Benzo(a)anthracene	21.72	228	796729	45.714	ng		100
82) 3,3'-Dichlorobenzidine	21.63	252	84288	13.777	ng		99
83) Chrysene	21.79	228	770859	45.992	ng		100
84) Bis(2-ethylhexyl)phthalate	21.58	149	408519	45.653	ng		98
85) Di-n-octyl phthalate	22.82	149	700098	46.244	ng		100
86) Indeno(1,2,3-cd)pyrene	28.86	276	905913	45.557	ng		99
88) Benzo(b)fluoranthene	23.99	252	768275	43.984	ng		98
89) Benzo(k)fluoranthene	24.06	252	773543	44.704	ng		98
90) Benzo(a)pyrene	24.89	252	767092	46.501	ng		99
91) Dibenzo(a,h)anthracene	28.92	278	744796	44.846	ng		98
92) Benzo(g,h,i)perylene	30.06	276	741001	45.149	ng		96

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

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