Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041695.D
Acq On : 17 Jul 2019 19:43
Operator : HP/JU
Sample : K3835-07MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(0-2)MSD

Manual Integrations APPROVED
mohammad
7/19/2019 2:24:53 PM

Quant Time: Jul 18 11:34:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	98088	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	397838	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	253457	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	618862	20.00	ng		0.00
76) Chrysene-d12	21.65	240	613206	20.00	ng		-0.01
87) Perylene-d12	24.85	264	727260	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	758060	126.34	ng		0.00
7) Phenol-d6	7.20	99	1043972	129.36	ng		0.00
23) Nitrobenzene-d5	9.21	82	631283	96.50	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	438514	153.52	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1424008	87.00	ng		0.00
79) Terphenyl-d14	20.01	244	2216126	84.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	88968	31.220	ng		100
3) Pyridine	3.89	79	77668	10.210	ng		98
4) n-Nitrosodimethylamine	3.80	42	125367	35.687	ng		99
6) Aniline	7.37	93	282352	26.031	ng		99
8) 2-Chlorophenol	7.61	128	270165	39.772	ng		99
9) Benzaldehyde	7.17	77	151263	28.172	ng		99
10) Phenol	7.23	94	343325	40.377	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	256450	37.344	ng		98
12) 1,3-Dichlorobenzene	7.94	146	300079	37.023	ng		99
13) 1,4-Dichlorobenzene	8.08	146	306299	37.736	ng		95
14) 1,2-Dichlorobenzene	8.40	146	286921	37.492	ng		95
15) Benzyl Alcohol	8.28	79	237854	37.019	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	503386	35.376	ng		99
17) 2-Methylphenol	8.48	107	239221	40.682	ng		97
18) Hexachloroethane	9.14	117	109770	36.922	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	217933	36.945	ng		97
20) 3+4-Methylphenols	8.81	107	328803	40.804	ng		99
22) Acetophenone	8.87	105	399057	41.184	ng	#	97
24) Nitrobenzene	9.25	77	297942	41.751	ng		97
25) Isophorone	9.77	82	583375	40.725	ng		98
26) 2-Nitrophenol	9.96	139	154537	47.282	ng		99
27) 2,4-Dimethylphenol	10.02	122	277112	48.893	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	352699	39.949	ng		99
29) 2,4-Dichlorophenol	10.49	162	296697	45.914	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	306804	40.436	ng		99
31) Naphthalene	10.91	128	807766	41.242	ng		97
32) Benzoic acid	10.07	122	14629m	8.986	ng		
33) 4-Chloroaniline	11.00	127	263301	29.144	ng		99
34) Hexachlorobutadiene	11.20	225	191350	39.238	ng		99
35) Caprolactam	11.78	113	117966	49.666	ng	#	89
36) 4-Chloro-3-methylphenol	12.12	107	303583	44.845	ng		98
37) 2-Methylnaphthalene	12.50	142	626770	41.885	ng		99
38) 1-Methylnaphthalene	12.72	142	585482	41.040	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	360378	41.509	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	480776	97.895	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	261786	46.407	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	281149	47.303	ng		96
46) 1,1'-Biphenyl	13.50	154	789774	41.592	ng		99
47) 2-Chloronaphthalene	13.54	162	633413	40.025	ng		97
48) 2-Nitroaniline	13.74	65	206995	44.924	ng		97
49) Acenaphthylene	14.39	152	1016641	41.151	ng		99
50) Dimethylphthalate	14.12	163	1044285	52.460	ng		99
51) 2,6-Dinitrotoluene	14.23	165	195517	46.305	ng		95
52) Acenaphthene	14.73	154	665336	42.735	ng		97
53) 3-Nitroaniline	14.55	138	169877	36.856	ng	#	94
54) 2,4-Dinitrophenol	14.76	184	137049	65.748	ng		96
55) Dibenzofuran	15.07	168	976709	41.807	ng		97
56) 4-Nitrophenol	14.86	139	379112	101.592	ng		98
57) 2,4-Dinitrotoluene	15.01	165	269749	48.330	ng		99
58) Fluorene	15.71	166	793694	41.752	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	280332	51.090	ng	#	97
60) Diethylphthalate	15.48	149	844357	42.104	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	445453	41.455	ng		98
62) 4-Nitroaniline	15.71	138	224692	45.964	ng		97
63) Azobenzene	15.99	77	744698	41.075	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	143537	48.739	ng		94
66) n-Nitrosodiphenylamine	15.91	169	745006	40.993	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	303885	41.268	ng		99
68) Hexachlorobenzene	16.71	284	299332	40.368	ng		96
69) Atrazine	16.86	200	307914	46.688	ng		98
70) Pentachlorophenol	17.05	266	407041	87.793	ng		99
71) Phenanthrene	17.45	178	1296013	41.584	ng		97
72) Anthracene	17.53	178	1334774	42.965	ng		98
73) Carbazole	17.80	167	1256331	43.605	ng		97
74) Di-n-butylphthalate	18.37	149	1450367	41.273	ng		97
75) Fluoranthene	19.45	202	1618551	42.294	ng		95
77) Benzidine	19.62	184	70807	1.282	ng		98
78) Pyrene	19.81	202	1634345	39.407	ng		95
80) Butylbenzylphthalate	20.69	149	704456	40.876	ng		97
81) Benzo(a)anthracene	21.63	228	1620498	40.902	ng		97
82) 3,3'-Dichlorobenzidine	21.55	252	546986	35.084	ng		100
83) Chrysene	21.70	228	1548497	40.903	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	984847	40.474	ng		98
85) Di-n-octyl phthalate	22.77	149	1735318	41.877	ng		97
86) Indeno(1,2,3-cd)pyrene	28.49	276	2065260	41.344	ng		99
88) Benzo(b)fluoranthene	23.84	252	1815499	41.155	ng		98
89) Benzo(k)fluoranthene	23.91	252	1689152	41.324	ng		98
90) Benzo(a)pyrene	24.70	252	1761823	42.212	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	1680280	41.521	ng		98
92) Benzo(g,h,i)perylene	29.64	276	1700579	41.933	ng		98

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

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