Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041202.D
Acq On : 12 Jun 2019 12:29
Operator : HP/JU
Sample : K3265-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-01-(0-37)COMPMSD

Manual Integrations APPROVED
mohammad
6/14/2019 8:36:31 AM

Quant Time: Jun 13 07:19:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	41303	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	164434	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	124111	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	314718	20.00	ng	0.00
76) Chrysene-d12	21.76	240	308044	20.00	ng	0.00
87) Perylene-d12	25.09	264	323811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	381496	166.55	ng	0.00
7) Phenol-d6	7.26	99	567637	160.46	ng	0.01
23) Nitrobenzene-d5	9.29	82	384499	103.81	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	310188	168.35	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	820437	95.20	ng	0.00
79) Terphenyl-d14	20.07	244	1404969	96.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	38512	37.052	ng	94
3) Pyridine	3.90	79	113503	36.905	ng	94
4) n-Nitrosodimethylamine	3.83	42	68403	47.922	ng	88
6) Aniline	7.43	93	95388	20.202	ng	95
8) 2-Chlorophenol	7.66	128	143663	52.610	ng	97
9) Benzaldehyde	7.24	77	41658	19.741	ng	92
10) Phenol	7.28	94	192320	50.705	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	128991	46.879	ng	98
12) 1,3-Dichlorobenzene	7.99	146	147200	45.133	ng	96
13) 1,4-Dichlorobenzene	8.14	146	153677	46.550	ng	97
14) 1,2-Dichlorobenzene	8.46	146	147283	45.948	ng	97
15) Benzyl Alcohol	8.35	79	157089	48.006	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	194068	43.163	ng	95
17) 2-Methylphenol	8.54	107	134188	48.863	ng	98
18) Hexachloroethane	9.19	117	58779	46.195	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	122248	44.906	ng	99
20) 3+4-Methylphenols	8.87	107	187223	49.217	ng	97
22) Acetophenone	8.94	105	238251	51.652	ng	98
24) Nitrobenzene	9.33	77	199204	52.774	ng	100
25) Isophorone	9.84	82	350383	49.707	ng	98
26) 2-Nitrophenol	10.04	139	88934	57.151	ng	91
27) 2,4-Dimethylphenol	10.08	122	147357	57.337	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	184659	48.537	ng	97
29) 2,4-Dichlorophenol	10.57	162	169857	52.046	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	189385	51.011	ng	95
31) Naphthalene	10.98	128	463126	52.457	ng	100
32) Benzoic acid	10.18	122	18473m	15.808	ng	
33) 4-Chloroaniline	11.09	127	66403	16.210	ng	95
34) Hexachlorobutadiene	11.24	225	138101	48.614	ng	96
35) Caprolactam	11.89	113	52120m	48.361	ng	
36) 4-Chloro-3-methylphenol	12.20	107	200490	53.790	ng	98
37) 2-Methylnaphthalene	12.57	142	355212	52.240	ng	99
38) 1-Methylnaphthalene	12.79	142	340456m	53.134	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	260752	52.126	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	256861	93.925	ng		96
43) 2,4,6-Trichlorophenol	13.18	196	173652	53.661	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	188010	55.088	ng		96
46) 1,1'-Biphenyl	13.57	154	481567	52.419	ng		100
47) 2-Chloronaphthalene	13.62	162	407039	51.610	ng		98
48) 2-Nitroaniline	13.83	65	142817	50.476	ng		97
49) Acenaphthylene	14.46	152	628654	52.961	ng		99
50) Dimethylphthalate	14.19	163	595227	56.656	ng		99
51) 2,6-Dinitrotoluene	14.32	165	119758	52.869	ng		96
52) Acenaphthene	14.80	154	361315	50.246	ng		98
53) 3-Nitroaniline	14.65	138	70279	31.027	ng		97
54) 2,4-Dinitrophenol	14.86	184	48705	50.373	ng		93
55) Dibenzofuran	15.13	168	641626	53.028	ng		100
56) 4-Nitrophenol	14.96	139	169222	108.918	ng		94
57) 2,4-Dinitrotoluene	15.10	165	172277	53.841	ng		99
58) Fluorene	15.78	166	506992	52.614	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	186760	55.683	ng		99
60) Diethylphthalate	15.54	149	535268	49.924	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	319701	51.044	ng		98
62) 4-Nitroaniline	15.82	138	117251	48.895	ng		91
63) Azobenzene	16.06	77	493992	50.693	ng		100
65) 4,6-Dinitro-2-methylphenol	15.86	198	81534	48.285	ng		98
66) n-Nitrosodiphenylamine	15.98	169	458717	51.849	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	211306	49.751	ng		98
68) Hexachlorobenzene	16.78	284	218085	48.221	ng		98
69) Atrazine	16.93	200	197378	57.819	ng		98
70) Pentachlorophenol	17.12	266	236739	96.771	ng		99
71) Phenanthrene	17.52	178	877792	53.546	ng		98
72) Anthracene	17.62	178	886364	54.822	ng		99
73) Carbazole	17.89	167	750906	54.128	ng		99
74) Di-n-butylphthalate	18.42	149	877872	50.914	ng		98
75) Fluoranthene	19.53	202	1115617	55.097	ng		99
77) Benzidine	19.71	184	214503	29.190	ng		96
78) Pyrene	19.89	202	1093265	54.595	ng		99
80) Butylbenzylphthalate	20.76	149	413244	53.029	ng		97
81) Benzo(a)anthracene	21.74	228	1048609	51.138	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	200859	27.850	ng		96
83) Chrysene	21.81	228	1036310	52.812	ng		97
84) Bis(2-ethylhexyl)phthalate	21.61	149	576169	52.522	ng		99
85) Di-n-octyl phthalate	22.85	149	978229	53.543	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	1057259	43.984	ng	#	97
88) Benzo(b)fluoranthene	24.02	252	1057178	53.827	ng		100
89) Benzo(k)fluoranthene	24.09	252	1050030	54.027	ng		98
90) Benzo(a)pyrene	24.93	252	1025173	54.710	ng		95
91) Dibenzo(a,h)anthracene	28.97	278	871460	46.544	ng		99
92) Benzo(g,h,i)perylene	30.11	276	849451	46.698	ng		97

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

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