Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040777.D
Acq On : 7 May 2019 19:46
Operator : HP/JU
Sample : K2697-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4-20190502MSD

Manual Integrations APPROVED

Quant Time: May 08 13:08:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45619	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	176213	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	130255	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	351554	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	348652	20.00	ng		-0.02
87) Perylene-d12	25.15	264	363117	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	230809	89.19	ng		-0.01
7) Phenol-d6	7.28	99	237464	59.59	ng		-0.01
23) Nitrobenzene-d5	9.32	82	493222	129.33	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	41443	23.15	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	1039274	115.23	ng		-0.02
79) Terphenyl-d14	20.11	244	1916618	121.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	29713	25.246	ng		97
3) Pyridine	3.95	79	116962	34.286	ng		96
4) n-Nitrosodimethylamine	3.88	42	49868	26.355	ng		94
6) Aniline	7.47	93	232357	43.995	ng		100
8) 2-Chlorophenol	7.70	128	142945	45.236	ng		96
9) Benzaldehyde	7.28	77	110431	49.133	ng		96
10) Phenol	7.31	94	82085	19.164	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	163302	50.841	ng		98
12) 1,3-Dichlorobenzene	8.03	146	161150	46.723	ng		98
13) 1,4-Dichlorobenzene	8.18	146	167629	47.943	ng		96
14) 1,2-Dichlorobenzene	8.50	146	157054	46.577	ng		99
15) Benzyl Alcohol	8.38	79	145857	35.180	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	276787	43.283	ng		96
17) 2-Methylphenol	8.57	107	115830	38.212	ng		96
18) Hexachloroethane	9.23	117	60242	42.002	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	162785	45.383	ng		96
20) 3+4-Methylphenols	8.90	107	145328	34.415	ng		97
22) Acetophenone	8.98	105	294493	60.100	ng	#	95
24) Nitrobenzene	9.37	77	247712	60.879	ng		98
25) Isophorone	9.88	82	468250	55.122	ng		100
26) 2-Nitrophenol	10.07	139	74921	51.367	ng		91
27) 2,4-Dimethylphenol	10.12	122	138910	50.760	ng		98
28) bis(2-Chloroethoxy)methane	10.36	93	238524	55.965	ng		97
29) 2,4-Dichlorophenol	10.60	162	192641	61.919	ng		93
30) 1,2,4-Trichlorobenzene	10.82	180	192224	55.716	ng		99
31) Naphthalene	11.02	128	519399	55.482	ng		98
33) 4-Chloroaniline	11.13	127	241524	58.188	ng		96
34) Hexachlorobutadiene	11.28	225	135142	53.057	ng		99
35) Caprolactam	11.89	113	14595	11.882	ng		94
36) 4-Chloro-3-methylphenol	12.22	107	212690	54.192	ng		96
37) 2-Methylnaphthalene	12.61	142	402349	57.483	ng		98
38) 1-Methylnaphthalene	12.83	142	387819	56.685	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	284544	58.641	ng		99
41) Hexachlorocyclopentadiene	12.94	237	205947	71.927	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.21	196	40294	13.741	ng		89
44) 2,4,5-Trichlorophenol	13.28	196	161128	50.442	ng		95
46) 1,1'-Biphenyl	13.61	154	558829	55.258	ng		96
47) 2-Chloronaphthalene	13.66	162	459684	58.082	ng		97
48) 2-Nitroaniline	13.86	65	192371	68.284	ng		95
49) Acenaphthylene	14.50	152	732547	54.555	ng		99
50) Dimethylphthalate	14.22	163	659874	60.549	ng		98
51) 2,6-Dinitrotoluene	14.35	165	142936	67.201	ng		94
52) Acenaphthene	14.84	154	428227	54.762	ng		96
53) 3-Nitroaniline	14.68	138	142338	65.312	ng	#	92
55) Dibenzofuran	15.17	168	769833	60.104	ng		100
56) 4-Nitrophenol	14.97	139	2018m	1.068	ng		
57) 2,4-Dinitrotoluene	15.13	165	198600	68.714	ng		96
58) Fluorene	15.81	166	610290	58.951	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	6735m	2.095	ng		
60) Diethylphthalate	15.57	149	687187	59.763	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	375798	62.414	ng		98
62) 4-Nitroaniline	15.84	138	150028	61.541	ng		89
63) Azobenzene	16.10	77	653896	55.220	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	324m	7.261	ng		
66) n-Nitrosodiphenylamine	16.02	169	570176	55.126	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	254165	58.030	ng		92
68) Hexachlorobenzene	16.81	284	264441	58.391	ng		96
69) Atrazine	16.96	200	252109	61.522	ng		100
70) Pentachlorophenol	17.15	266	1225m	0.462	ng		
71) Phenanthrene	17.56	178	1056966	55.819	ng		98
72) Anthracene	17.65	178	1081692	56.831	ng		99
73) Carbazole	17.92	167	948549	54.700	ng		99
74) Di-n-butylphthalate	18.45	149	1123249	53.666	ng		99
75) Fluoranthene	19.56	202	1353507	57.360	ng		99
77) Benzidine	19.74	184	884610	92.666	ng		99
78) Pyrene	19.92	202	1335527	61.117	ng		97
80) Butylbenzylphthalate	20.79	149	520411	61.104	ng		92
81) Benzo(a)anthracene	21.78	228	1300968	59.041	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	458244	58.346	ng		97
83) Chrysene	21.85	228	1292383	61.671	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	722964	58.805	ng		97
85) Di-n-octyl phthalate	22.91	149	1216645	58.761	ng		97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1390004	54.861	ng	#	91
88) Benzo(b)fluoranthene	24.08	252	1321310	59.546	ng		97
89) Benzo(k)fluoranthene	24.16	252	1332473	64.300	ng		98
90) Benzo(a)pyrene	25.00	252	1285114	61.184	ng	#	97
91) Dibenzo(a,h)anthracene	29.09	278	1083712	50.985	ng		97
92) Benzo(g,h,i)perylene	30.22	276	1071746	50.663	ng		100

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

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