Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044792.D
Acq On : 14 Mar 2020 10:28
Operator : CG/JU
Sample : L1826-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Manual Integrations APPROVED
mohammad
3/18/2020 8:43:34 AM

Quant Time: Mar 16 02:36:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	115948	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	483958	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	331282	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	700500	20.00	ng	0.00
76) Chrysene-d12	21.70	240	560352	20.00	ng	-0.01
87) Perylene-d12	24.92	264	622688	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	922498	123.85	ng	0.00
7) Phenol-d6	7.21	99	1203288	111.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	947081	85.87	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	573046	132.11	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1892190	81.79	ng	0.00
79) Terphenyl-d14	20.05	244	2475333	82.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	112568	31.384	ng	# 39
3) Pyridine	3.94	79	197600	18.610	ng	99
4) n-Nitrosodimethylamine	3.83	42	161092	39.986	ng	93
6) Aniline	7.37	93	163992	12.178	ng	96
8) 2-Chlorophenol	7.62	128	377659	50.792	ng	98
9) Benzaldehyde	7.18	77	273130	42.048	ng	97
10) Phenol	7.24	94	450962	42.091	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	384440	44.960	ng	97
12) 1,3-Dichlorobenzene	7.94	146	401409	43.825	ng	96
13) 1,4-Dichlorobenzene	8.09	146	398402	43.997	ng	98
14) 1,2-Dichlorobenzene	8.41	146	380107	44.261	ng	96
15) Benzyl Alcohol	8.29	79	409113	47.117	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	585805	38.822	ng	99
17) 2-Methylphenol	8.49	107	342059	47.132	ng	92
18) Hexachloroethane	9.15	117	155110	43.509	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	334217	43.737	ng	96
20) 3+4-Methylphenols	8.82	107	474158	47.395	ng	100
22) Acetophenone	8.88	105	595616	43.442	ng	# 97
24) Nitrobenzene	9.25	77	499073	43.611	ng	100
25) Isophorone	9.78	82	931769	43.288	ng	98
26) 2-Nitrophenol	9.97	139	215878	53.610	ng	96
27) 2,4-Dimethylphenol	10.03	122	341704	48.748	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	531620	41.385	ng	98
29) 2,4-Dichlorophenol	10.50	162	392519	47.942	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	425591	43.473	ng	98
31) Naphthalene	10.92	128	1210762	45.162	ng	98
32) Benzoic acid	10.17	122	231358	43.502	ng	96
33) 4-Chloroaniline	11.02	127	43777	3.624	ng	96
34) Hexachlorobutadiene	11.21	225	280454	43.563	ng	97
35) Caprolactam	11.78	113	106445m	34.338	ng	
36) 4-Chloro-3-methylphenol	12.14	107	454314	46.526	ng	97
37) 2-Methylnaphthalene	12.51	142	882346	43.998	ng	99
38) 1-Methylnaphthalene	12.74	142	839069	44.505	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	483472	44.314	ng	100

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Quant Time: Mar 16 02:36:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	282991	47.462	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	344183	47.536	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	359012	47.812	ng		98
46) 1,1'-Biphenyl	13.52	154	1098295	41.487	ng		97
47) 2-Chloronaphthalene	13.57	162	845548	41.810	ng		99
48) 2-Nitroaniline	13.75	65	321952	45.473	ng		97
49) Acenaphthylene	14.41	152	1377454	43.476	ng		98
50) Dimethylphthalate	14.14	163	1225488	46.446	ng		99
51) 2,6-Dinitrotoluene	14.25	165	252970	47.565	ng		94
52) Acenaphthene	14.75	154	896377	43.200	ng		100
53) 3-Nitroaniline	14.58	138	97437	15.935	ng		98
54) 2,4-Dinitrophenol	14.78	184	102379	41.328	ng	#	72
55) Dibenzofuran	15.09	168	1316786	43.762	ng		100
56) 4-Nitrophenol	14.89	139	389089	83.378	ng		97
57) 2,4-Dinitrotoluene	15.04	165	351814	48.233	ng		91
58) Fluorene	15.73	166	1055678	42.650	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	337501	48.820	ng		95
60) Diethylphthalate	15.51	149	1133445	41.187	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	574938	43.138	ng		97
62) 4-Nitroaniline	15.74	138	210536	32.290	ng		89
63) Azobenzene	16.02	77	1178279	41.231	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	86003	29.617	ng		95
66) n-Nitrosodiphenylamine	15.94	169	953339	45.204	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	395727	45.189	ng		100
68) Hexachlorobenzene	16.74	284	430361	45.298	ng		99
69) Atrazine	16.89	200	368213	47.654	ng		97
70) Pentachlorophenol	17.08	266	516021	98.715	ng		98
71) Phenanthrene	17.48	178	1621937	43.328	ng		99
72) Anthracene	17.57	178	1653949	44.808	ng		100
73) Carbazole	17.83	167	1548640	43.677	ng		100
74) Di-n-butylphthalate	18.40	149	1843534	42.772	ng		99
75) Fluoranthene	19.48	202	1915748	42.982	ng		97
77) Benzidine	19.65	184	282088	15.507	ng		97
78) Pyrene	19.84	202	1888287	45.931	ng		97
80) Butylbenzylphthalate	20.73	149	825920	45.158	ng		98
81) Benzo(a)anthracene	21.68	228	1800564	44.624	ng		97
82) 3,3'-Dichlorobenzidine	21.60	252	443227	28.394	ng	#	99
83) Chrysene	21.75	228	1724809	44.750	ng		97
84) Bis(2-ethylhexyl)phthalate	21.61	149	1123956	44.528	ng		99
85) Di-n-octyl phthalate	22.83	149	1890439	44.755	ng		100
86) Indeno(1,2,3-cd)pyrene	28.59	276	2149292	42.534	ng		98
88) Benzo(b)fluoranthene	23.91	252	1932385	47.007	ng		99
89) Benzo(k)fluoranthene	23.98	252	1798551	46.232	ng		97
90) Benzo(a)pyrene	24.78	252	1734604	45.095	ng		98
91) Dibenzo(a,h)anthracene	28.66	278	1775213	46.780	ng		99
92) Benzo(g,h,i)perylene	29.72	276	1622342	42.314	ng		98

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

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