Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045635.D
Acq On : 6 Jun 2020 5:00
Operator : CG/JU
Sample : L2814-13MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 06 07:10:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Manual Integrations APPROVED
mohammad
6/8/2020 12:50:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59742	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	233344	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	161846	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	378258	20.00	ng	0.00
76) Chrysene-d12	21.60	240	363058	20.00	ng	0.00
87) Perylene-d12	24.75	264	392161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	471894	154.37	ng	0.00
7) Phenol-d6	7.15	99	582273	133.83	ng	0.00
23) Nitrobenzene-d5	9.11	82	473891	110.75	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	336641	162.64	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1034742	108.44	ng	0.00
79) Terphenyl-d14	19.96	244	1753249	112.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	66673	43.98	ng	# 50
3) Pyridine	3.83	79	130438	30.90	ng	98
4) n-Nitrosodimethylamine	3.73	42	73951	53.53	ng	88
6) Aniline	7.28	93	194406	34.23	ng	95
8) 2-Chlorophenol	7.53	128	183834	54.84	ng	100
9) Benzaldehyde	7.08	77	107974	38.09	ng	95
10) Phenol	7.18	94	206250	45.99	ng	100
11) bis(2-Chloroethyl)ether	7.37	93	175336	50.13	ng	96
12) 1,3-Dichlorobenzene	7.84	146	199289	49.47	ng	100
13) 1,4-Dichlorobenzene	7.99	146	201605	50.71	ng	97
14) 1,2-Dichlorobenzene	8.30	146	185804	48.59	ng	97
15) Benzyl Alcohol	8.20	79	197023	54.82	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	160464	48.33	ng	99
17) 2-Methylphenol	8.42	107	162842	48.52	ng	94
18) Hexachloroethane	9.04	117	77588	50.96	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	159593	53.04	ng	99
20) 3+4-Methylphenols	8.74	107	216062	47.27	ng	94
22) Acetophenone	8.77	105	289431	52.33	ng	97
24) Nitrobenzene	9.16	77	243292	53.07	ng	97
25) Isophorone	9.68	82	439223	52.12	ng	98
26) 2-Nitrophenol	9.87	139	109173	55.67	ng	97
27) 2,4-Dimethylphenol	9.95	122	172613	59.34	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	234430	53.04	ng	98
29) 2,4-Dichlorophenol	10.42	162	192360	56.00	ng	96
30) 1,2,4-Trichlorobenzene	10.62	180	211982	52.23	ng	96
31) Naphthalene	10.81	128	570538	52.47	ng	99
32) Benzoic acid	10.11	122	69166	37.68	ng	97
33) 4-Chloroaniline	10.92	127	82800	18.22	ng	96
34) Hexachlorobutadiene	11.10	225	147294	51.34	ng	97
35) Caprolactam	11.71	113	47156	37.40	ng	96
36) 4-Chloro-3-methylphenol	12.07	107	216413	55.91	ng	98
37) 2-Methylnaphthalene	12.42	142	431534	53.25	ng	95
38) 1-Methylnaphthalene	12.63	142	406631	53.11	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	244535	54.09	ng	99

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Quant Time: Jun 06 07:10:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	255169	97.80	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	170822	54.40	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	176581	49.21	ng		96
46) 1,1'-Biphenyl	13.43	154	556573	55.97	ng		99
47) 2-Chloronaphthalene	13.47	162	419970	52.01	ng		99
48) 2-Nitroaniline	13.67	65	142978	53.82	ng		96
49) Acenaphthylene	14.32	152	689738	53.17	ng		99
50) Dimethylphthalate	14.06	163	723633	65.18	ng		99
51) 2,6-Dinitrotoluene	14.17	165	131567	52.52	ng		99
52) Acenaphthene	14.66	154	514703m	59.28	ng		
53) 3-Nitroaniline	14.50	138	81602	32.04	ng		98
54) 2,4-Dinitrophenol	14.71	184	141539	85.82	ng		95
55) Dibenzofuran	14.99	168	683451	53.01	ng		96
56) 4-Nitrophenol	14.85	139	153050	79.38	ng		87
57) 2,4-Dinitrotoluene	14.97	165	182528	50.31	ng		97
58) Fluorene	15.65	166	562222	53.07	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	166229	52.65	ng		100
60) Diethylphthalate	15.42	149	589649	51.03	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	305911	50.47	ng		96
62) 4-Nitroaniline	15.67	138	129234	48.61	ng		95
63) Azobenzene	15.93	77	569690	52.87	ng		97
65) 4,6-Dinitro-2-methylphenol	15.73	198	111968	50.83	ng		92
66) n-Nitrosodiphenylamine	15.85	169	489394	53.89	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	216862	52.95	ng		97
68) Hexachlorobenzene	16.66	284	229906	53.67	ng		98
69) Atrazine	16.80	200	190891	51.03	ng		99
70) Pentachlorophenol	17.00	266	243305	109.38	ng		96
71) Phenanthrene	17.39	178	898039	54.38	ng		99
72) Anthracene	17.48	178	912522	55.03	ng		98
73) Carbazole	17.75	167	843788	52.20	ng		99
74) Di-n-butylphthalate	18.31	149	1001522	51.62	ng		99
75) Fluoranthene	19.40	202	1114154	53.05	ng		99
77) Benzidine	19.58	184	323513	31.73	ng		100
78) Pyrene	19.76	202	1120554	54.14	ng		98
80) Butylbenzylphthalate	20.65	149	462666	51.79	ng		97
81) Benzo(a)anthracene	21.59	228	1102222	54.50	ng		100
82) 3,3'-Dichlorobenzidine	21.50	252	300969	37.94	ng		100
83) Chrysene	21.65	228	1054420	54.22	ng		100
84) Bis(2-ethylhexyl)phthalate	21.50	149	646972	52.69	ng		98
85) Di-n-octyl phthalate	22.68	149	1094208	51.88	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1371696	53.94	ng	#	97
88) Benzo(b)fluoranthene	23.76	252	1168002	55.53	ng		99
89) Benzo(k)fluoranthene	23.82	252	1131173	57.25	ng		99
90) Benzo(a)pyrene	24.61	252	1063570	54.30	ng		98
91) Dibenzo(a,h)anthracene	28.38	278	1120286	56.91	ng		99
92) Benzo(g,h,i)perylene	29.43	276	1129078	57.35	ng		97

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

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