Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045298.D
Acq On : 11 May 2020 16:03
Operator : CG/JU
Sample : L2495-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MSD

Manual Integrations APPROVED
mohammad
5/13/2020 8:15:11 AM

Quant Time: May 11 16:42:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63125	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	246032	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	182138	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	456466	20.00	ng	0.00
76) Chrysene-d12	21.64	240	441866	20.00	ng	0.00
87) Perylene-d12	24.80	264	494573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	414692	108.46	ng	0.00
7) Phenol-d6	7.14	99	514925	90.64	ng	0.00
23) Nitrobenzene-d5	9.14	82	428140	79.40	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	342089	121.58	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	985054	79.30	ng	0.00
79) Terphenyl-d14	19.99	244	1863625	91.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	60514	35.61	ng	# 17
3) Pyridine	3.84	79	128724	24.60	ng	97
4) n-Nitrosodimethylamine	3.74	42	60798	37.93	ng	# 96
6) Aniline	7.30	93	196637	26.62	ng	99
8) 2-Chlorophenol	7.54	128	165768	40.34	ng	99
9) Benzaldehyde	7.11	77	83390	22.06	ng	97
10) Phenol	7.17	94	178997	31.49	ng	95
11) bis(2-Chloroethyl)ether	7.39	93	163944	36.22	ng	99
12) 1,3-Dichlorobenzene	7.87	146	180573	37.29	ng	97
13) 1,4-Dichlorobenzene	8.01	146	183403	38.01	ng	97
14) 1,2-Dichlorobenzene	8.33	146	171290	37.11	ng	95
15) Benzyl Alcohol	8.21	79	176842	37.13	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.51	45	148170	33.35	ng	96
17) 2-Methylphenol	8.42	107	148980	33.97	ng	95
18) Hexachloroethane	9.07	117	68352	37.68	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	145958	36.33	ng	98
20) 3+4-Methylphenols	8.75	107	205268	33.44	ng	96
22) Acetophenone	8.79	105	276311	41.53	ng	98
24) Nitrobenzene	9.18	77	216375	39.15	ng	94
25) Isophorone	9.70	82	420162	38.05	ng	98
26) 2-Nitrophenol	9.89	139	96122	40.37	ng	92
27) 2,4-Dimethylphenol	9.96	122	162849	43.11	ng	93
28) bis(2-Chloroethoxy)methane	10.19	93	225864	38.93	ng	99
29) 2,4-Dichlorophenol	10.43	162	178458	40.91	ng	93
30) 1,2,4-Trichlorobenzene	10.65	180	196698	39.83	ng	98
31) Naphthalene	10.83	128	533721	39.65	ng	99
32) Benzoic acid	10.09	122	77095	28.28	ng	91
33) 4-Chloroaniline	10.94	127	70922	11.30	ng	99
34) Hexachlorobutadiene	11.13	225	128208	37.86	ng	99
35) Caprolactam	11.70	113	50198m	28.92	ng	
36) 4-Chloro-3-methylphenol	12.07	107	213563	41.68	ng	95
37) 2-Methylnaphthalene	12.44	142	407260	38.98	ng	97
38) 1-Methylnaphthalene	12.66	142	387375	39.28	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	225661	38.48	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	274009	74.76	ng		99
43) 2,4,6-Trichlorophenol	13.05	196	165459	39.98	ng		95
44) 2,4,5-Trichlorophenol	13.13	196	176287	37.42	ng		99
46) 1,1'-Biphenyl	13.45	154	535517	38.68	ng		99
47) 2-Chloronaphthalene	13.49	162	404065	38.20	ng		99
48) 2-Nitroaniline	13.69	65	143969	41.37	ng		99
49) Acenaphthylene	14.34	152	691018	40.11	ng		98
50) Dimethylphthalate	14.08	163	674116	45.45	ng		99
51) 2,6-Dinitrotoluene	14.19	165	135823	40.95	ng		96
52) Acenaphthene	14.69	154	523898m	44.94	ng		
53) 3-Nitroaniline	14.52	138	77577	21.32	ng		97
54) 2,4-Dinitrophenol	14.73	184	180838	91.68	ng		93
55) Dibenzofuran	15.02	168	678803	39.94	ng		97
56) 4-Nitrophenol	14.84	139	191332	67.83	ng		92
57) 2,4-Dinitrotoluene	14.98	165	199359	41.12	ng	#	95
58) Fluorene	15.67	166	575184	41.43	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.25	232	180619	43.09	ng		98
60) Diethylphthalate	15.44	149	624733	40.40	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	314379	39.34	ng		97
62) 4-Nitroaniline	15.69	138	142268	37.70	ng		96
63) Azobenzene	15.96	77	580778	40.74	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	132686	44.22	ng		96
66) n-Nitrosodiphenylamine	15.88	169	519415	39.60	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	216579	36.78	ng		97
68) Hexachlorobenzene	16.68	284	242974	39.78	ng		97
69) Atrazine	16.83	200	204284	42.43	ng		99
70) Pentachlorophenol	17.02	266	295363	78.83	ng		97
71) Phenanthrene	17.41	178	959479	40.90	ng		99
72) Anthracene	17.50	178	984085	41.82	ng		99
73) Carbazole	17.77	167	927168	38.83	ng		98
74) Di-n-butylphthalate	18.33	149	1097680	41.80	ng		100
75) Fluoranthene	19.42	202	1237094	44.85	ng		98
77) Benzidine	19.60	184	540119	41.78	ng		97
78) Pyrene	19.79	202	1207415	39.64	ng		99
80) Butylbenzylphthalate	20.67	149	510661	40.44	ng		98
81) Benzo(a)anthracene	21.61	228	1186674	41.44	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	197875	17.36	ng		94
83) Chrysene	21.68	228	1133660	41.20	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	707190	40.72	ng		99
85) Di-n-octyl phthalate	22.73	149	1211533	40.34	ng		99
86) Indeno(1,2,3-cd)pyrene	28.40	276	1499419	41.04	ng	#	97
88) Benzo(b)fluoranthene	23.80	252	1269247	40.97	ng		97
89) Benzo(k)fluoranthene	23.87	252	1215101	41.24	ng		98
90) Benzo(a)pyrene	24.66	252	1157283	39.57	ng		97
91) Dibenzo(a,h)anthracene	28.46	278	1222679	41.48	ng		97
92) Benzo(g,h,i)perylene	29.53	276	1255471	42.49	ng		97

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

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