Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045479.D
Acq On : 27 May 2020 16:54
Operator : CG/JU
Sample : L2768-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 370MSD

Manual Integrations APPROVED
mohammad
5/29/2020 10:24:34 PM

Quant Time: May 27 17:32:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 13:40:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	84754	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	346537	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	252649	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	572581	20.00	ng		0.00
76) Chrysene-d12	21.61	240	506445	20.00	ng		0.00
87) Perylene-d12	24.76	264	563426	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	521261	120.19	ng		0.00
7) Phenol-d6	7.18	99	749387	121.41	ng		0.00
23) Nitrobenzene-d5	9.12	82	489855	77.08	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	378486	117.14	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1148019	77.07	ng		0.00
79) Terphenyl-d14	19.96	244	1769886	81.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	72137	33.543	ng		98
3) Pyridine	3.80	79	166987	27.880	ng		99
4) n-Nitrosodimethylamine	3.72	42	78239	39.919	ng		90
6) Aniline	7.29	93	163068	20.237	ng		99
8) 2-Chlorophenol	7.54	128	223670	47.031	ng		97
9) Benzaldehyde	7.09	77	145160	36.095	ng		95
10) Phenol	7.20	94	303415	47.694	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	205467	41.407	ng		97
12) 1,3-Dichlorobenzene	7.85	146	241604	42.274	ng		98
13) 1,4-Dichlorobenzene	7.99	146	242913	43.069	ng		97
14) 1,2-Dichlorobenzene	8.32	146	232767	42.909	ng		97
15) Benzyl Alcohol	8.21	79	231853	45.469	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	188663	40.054	ng		96
17) 2-Methylphenol	8.44	107	207036	43.480	ng		96
18) Hexachloroethane	9.04	117	96254	44.559	ng		96
19) n-Nitroso-di-n-propylamine	8.77	70	184735	43.280	ng		97
20) 3+4-Methylphenols	8.77	107	274378	42.315	ng	#	62
22) Acetophenone	8.78	105	345094	42.016	ng	#	95
24) Nitrobenzene	9.16	77	282185	41.446	ng		100
25) Isophorone	9.68	82	518032	41.393	ng		98
26) 2-Nitrophenol	9.88	139	134127	46.051	ng		91
27) 2,4-Dimethylphenol	9.97	122	219668	50.851	ng		98
28) bis(2-Chloroethoxy)methane	10.17	93	287878	43.862	ng		99
29) 2,4-Dichlorophenol	10.44	162	242027	47.446	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	265458	44.039	ng		97
31) Naphthalene	10.82	128	699550	43.320	ng		99
32) Benzoic acid	10.16	122	156310	52.117	ng		100
33) 4-Chloroaniline	10.94	127	74465	11.032	ng		98
34) Hexachlorobutadiene	11.11	225	184420	43.283	ng		97
35) Caprolactam	11.70	113	84565m	45.164	ng		
36) 4-Chloro-3-methylphenol	12.09	107	272002	47.320	ng		94
37) 2-Methylnaphthalene	12.43	142	537407	44.650	ng		98
38) 1-Methylnaphthalene	12.65	142	507618	44.647	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	318836	45.181	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	297980	73.158 ng		97
43) 2,4,6-Trichlorophenol	13.05	196	220845	45.051 ng		99
44) 2,4,5-Trichlorophenol	13.14	196	235316	42.007 ng		98
46) 1,1'-Biphenyl	13.44	154	689357	44.405 ng		99
47) 2-Chloronaphthalene	13.48	162	532853	42.269 ng		100
48) 2-Nitroaniline	13.68	65	167366	40.361 ng		88
49) Acenaphthylene	14.33	152	871824	43.056 ng		100
50) Dimethylphthalate	14.06	163	825140	47.609 ng		98
51) 2,6-Dinitrotoluene	14.18	165	163256	41.744 ng		93
52) Acenaphthene	14.67	154	629656m	46.455 ng		
53) 3-Nitroaniline	14.51	138	75365	18.957 ng		99
54) 2,4-Dinitrophenol	14.72	184	172627	68.244 ng		94
55) Dibenzofuran	15.00	168	836127	41.540 ng		97
56) 4-Nitrophenol	14.88	139	254477	84.547 ng		94
57) 2,4-Dinitrotoluene	14.97	165	228645	40.368 ng		94
58) Fluorene	15.65	166	694816	42.018 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	217345	44.100 ng		99
60) Diethylphthalate	15.42	149	718898	39.852 ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	391130	41.334 ng		96
62) 4-Nitroaniline	15.68	138	139396	33.587 ng		98
63) Azobenzene	15.93	77	690848	41.072 ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	131523	39.441 ng		98
66) n-Nitrosodiphenylamine	15.86	169	614740	44.716 ng		97
67) 4-Bromophenyl-phenylether	16.54	248	268665	43.332 ng		98
68) Hexachlorobenzene	16.66	284	296140	45.667 ng		98
69) Atrazine	16.82	200	235296	41.553 ng		97
70) Pentachlorophenol	17.02	266	327594	97.291 ng		97
71) Phenanthrene	17.40	178	1083640	43.352 ng		99
72) Anthracene	17.49	178	1112076	44.302 ng		97
73) Carbazole	17.76	167	1006624	41.140 ng		98
74) Di-n-butylphthalate	18.31	149	1193397	40.635 ng		99
75) Fluoranthene	19.41	202	1318310	41.464 ng		99
77) Benzidine	19.58	184	550840	38.727 ng		99
78) Pyrene	19.76	202	1312542	45.465 ng		99
80) Butylbenzylphthalate	20.65	149	515544	41.373 ng		99
81) Benzo(a)anthracene	21.59	228	1238227	43.889 ng		99
82) 3,3'-Dichlorobenzidine	21.51	252	308163	27.846 ng		99
83) Chrysene	21.66	228	1194559	44.035 ng		97
84) Bis(2-ethylhexyl)phthalate	21.51	149	715252	41.756 ng		98
85) Di-n-octyl phthalate	22.70	149	1208260	41.070 ng		100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1568101	44.205 ng		98
88) Benzo(b)fluoranthene	23.77	252	1291965	42.756 ng		99
89) Benzo(k)fluoranthene	23.83	252	1268543	44.685 ng		99
90) Benzo(a)pyrene	24.61	252	1189364	42.263 ng	#	97
91) Dibenzo(a,h)anthracene	28.40	278	1277372	45.169 ng		97
92) Benzo(g,h,i)perylene	29.46	276	1309351	46.294 ng		99

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

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